

High-quality automotive electronics for RVs, vans & caravans

- ✓ State-of-the-art technology and accessory products
- ✓ Excellent craftsmanship guarantees reliability and durability
- ✓ Fair and attractive cost-effectiveness ratio
- ✓ Time-tested through years of testing by experienced users
- ✓ 3-year warranty on all Carbest products



Reliability since more than 19 years

Since 2000 Carbest has stood for high-quality technology products for motor caravans and camping vans. What started out with converters and driver's cab accessories has now become a global market with an extensive product spectrum.

Caravan charging units, LED lights, lithium batteries and camping satellite systems from Carbest are used today as original equipment by many manufacturers.

To offer the Carbest spectrum with an especially attractive cost-effectiveness ratio, our products are purchased directly from specialised factories with no retailers in between. That allows us to offer products at fantastic prices with no compromise in quality.

Products from Carbest are specially developed for use in high-quality RVs, camping vans and caravans. For example, Carbest 12 V chargers are equipped with temperature-controlled fans, because nobody wants to sleep with a loud fan running nearby. In the case of chargers for passenger vehicles or for use in repair shops on the other hand, loudness is not such an important issue. This feature can be eliminated in such applications, but not in camping products.

Extensive tests conducted in the development department in Germany by engineers, technicians and experienced campers ensure that the quality and features of Carbest products are suitable for mobile use in motor vehicles.

More than 38 years of experience in the development and manufacture of camping vans by the Reimo team go into the development of the products. Our priority is to offer products with quality and features that not only make camping fun, but also fulfil the high standards placed on the components used in the manufacture of motor caravans.

Carbest 12 V camping TV sets, for example, are equipped with special mainboards that are reinforced to provide protection against shocks and vibrations.

Conventional household TVs that simply include a 12 V plug would be much less expensive to manufacture, but would not last as long as real camping TVs.

The Carbest sine-wave converter was specially developed for operating air conditioners and capsule coffee makers in caravans.

And because we know that not only the product but also its installation process is important, Carbest converters include the cable for connection to the 12 V batteries, and it goes without saying that they are designed with professional cable cross sections and a length of 2 m.

Warranty:

The warranty period is 36 months. Reimo reserves the right to eliminate potential errors. No warranty will be given for damages resulting from incorrect use or improper handling.

Limitations of liability: Reimo is in no case liable for collateral damage, consequential damage or indirect damage, costs, expenses, loss of use or loss of profit. The indicated retail price of the product represents the equivalent amount of Reimo's limitation of liability.

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Date: January 2019.

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Ultra-flexible high-power solar modules from 80 to 160 watts

- **Sunpower cells:** Substantial increase in current yield even if angle to sun is not optimal
- **Only 3 mm thick!** Enables a bend radius of up to 20°
- **About 5 x lighter** than conventional modules
- **Walkable when glued full-surface**
- **Compact connection** (size ca. 90 x 75 mm, height ca. 22 mm) with **pre-installed 8 m cable** (2 x 2.5 mm²)
- **High-quality ETFE surface**
- **Ideal also for maritime use**

These solar modules deliver more power than conventional PV modules of the same size. The high-quality ETFE surface with a honeycomb structure increases the power output considerably in twilight and overcast conditions. The special back contact technology of the solar cells enables a bending radius of up to 20°.

Especially at high temperatures, the output is substantially higher than that of comparable modules. The result is maximum efficiency with no compromise in performance. All Power Panel modules feature 1 pre-installed connection cable with a length of 8 m (no messy cable tangle on the roof). The above-average flexibility also makes Carbest modules ideal for maritime use.

Material of outer layer:

ETFE: Very hard and thin (ca. 0.025 mm) material with high light transmittance of ca. 95%. Heat-resistant up to ca. 150 °C. Very good weather resistance, also suitable for salt water.

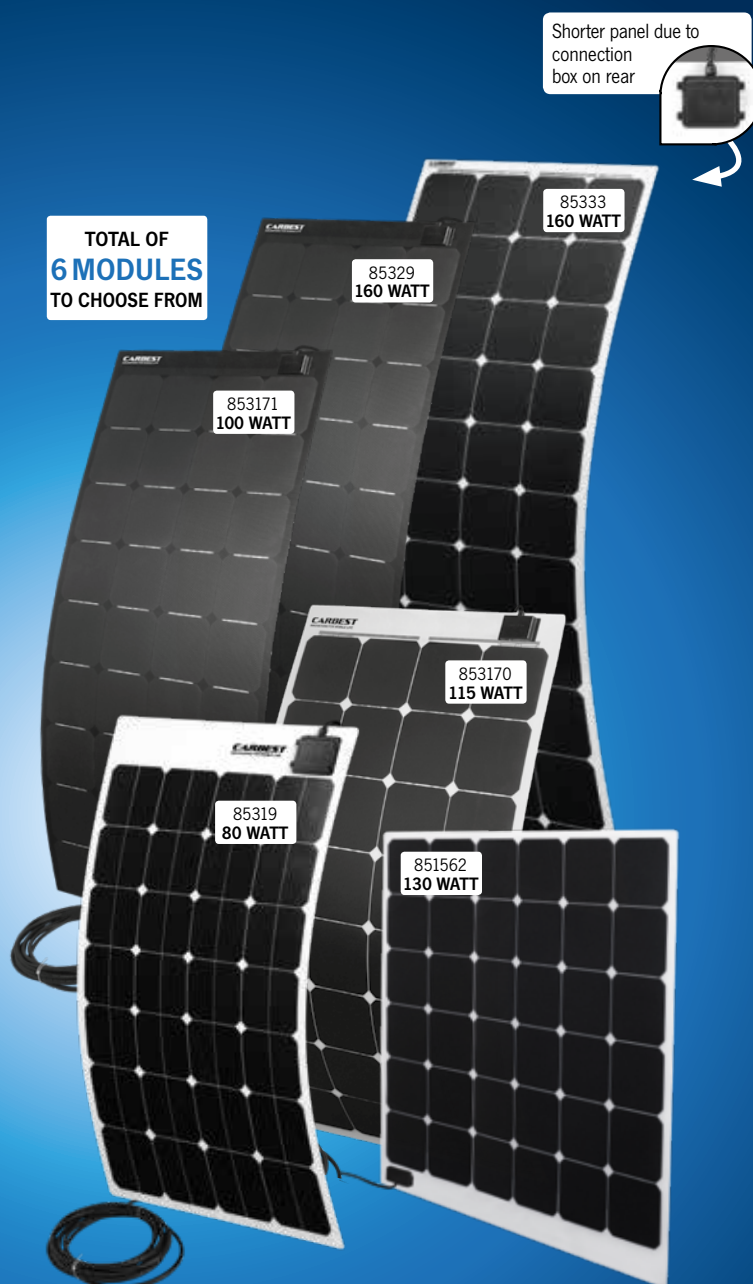
Material of base plate:

TPT: Material with high flexibility. More flexible than fibreglass.

Fibreglass: Very strong, hard material for optimal protection of the solar cells.



Ideal for vans and RVs. Provides for consistent driving behaviour.



	Power Panel Flex 80 white*	Power Panel Flex 100 white	Power Panel Flex 115 white	Power Panel Flex 130 W Square white*	Power Panel Flex 160 Pro black*	Power Panel Flex 160 white*
Output / number of cells	80 W/56 cells	100 W/32 cells	115 W/32 cells	130 W/36 cells	160 W/44 cells	160 W/44 cells
Material of outer layer	ETFE	ETFE	ETFE	ETFE	ETFE	ETFE
Material of base plate	TPT	TPT	TPT	TPT	Fibreglass	TPT
Efficiency	20.8%	20.8%	23.7%	23.7%	23.7%	23.7%
Short-circuit current (Isc)	2.8 A	6.12 A	6.18 A	6.37 A	6.18 A	6.18 A
No-load voltage (Voc)	36.5 V	21 V	23.4 V	25.42 V	32.2 V	32.2 V
Rated voltage (Vmp)	30.8 V	18 V	19.8 V	21.6 V	27.3 V	27.3 V
Rated current (Imp)	2.6 A	5.67 A	5.83 A	6.01 A	5.83 A	5.83 A
Dimensions mm LxWxH (Box H)	1000x550x3 (22)	1125x540x3 (22)	1125x540x3 (22)	920x800x3 (22)	1505x540x3 (22)	1460x540x3 (22)
Weight incl. 8 m cable	ca. 2.1 kg	ca. 3.1 kg	ca. 3.1 kg	ca. 3.9 kg	ca. 5.8 kg	ca. 4.8 kg
Art. no.	85319	853171	853170	851562	85329	85333
Price	244.-	339.-	349.-	399.-	539.-	489.-

*We recommend MPPT Charge regulator (Itemnr.: 850213)

Solar complete sets with ultra-flexible high-performance solar modules from 80 to 160 watts

- All sets include solar module with pre-installed 8 m cable, high-quality NDS MPPT solar regulator or Votronic MPPT solar regulator and roof bushing

Complete set Power Panel Flex 80, white

Ideal for silent consumers and for low energy requirements, such as charging mobile phones and other USB devices such as battery packs or cameras, lights and water pump, battery conservation and compensation of silent consumers.

Complete set Power Panel Flex 100/115 black

Set includes the Carbest 100 W/115 W solar module. For light, water pump, occasional heating, for example.

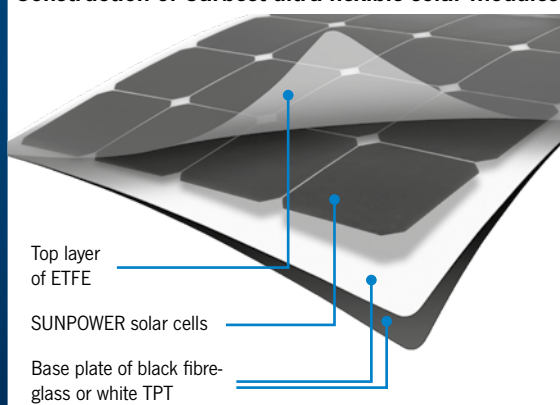
Complete set Power Panel Flex 160 white or black

Set includes the Carbest 160 W solar module. e.g. for lights, pump, TV/Sat, heating and compressor refrigerator.

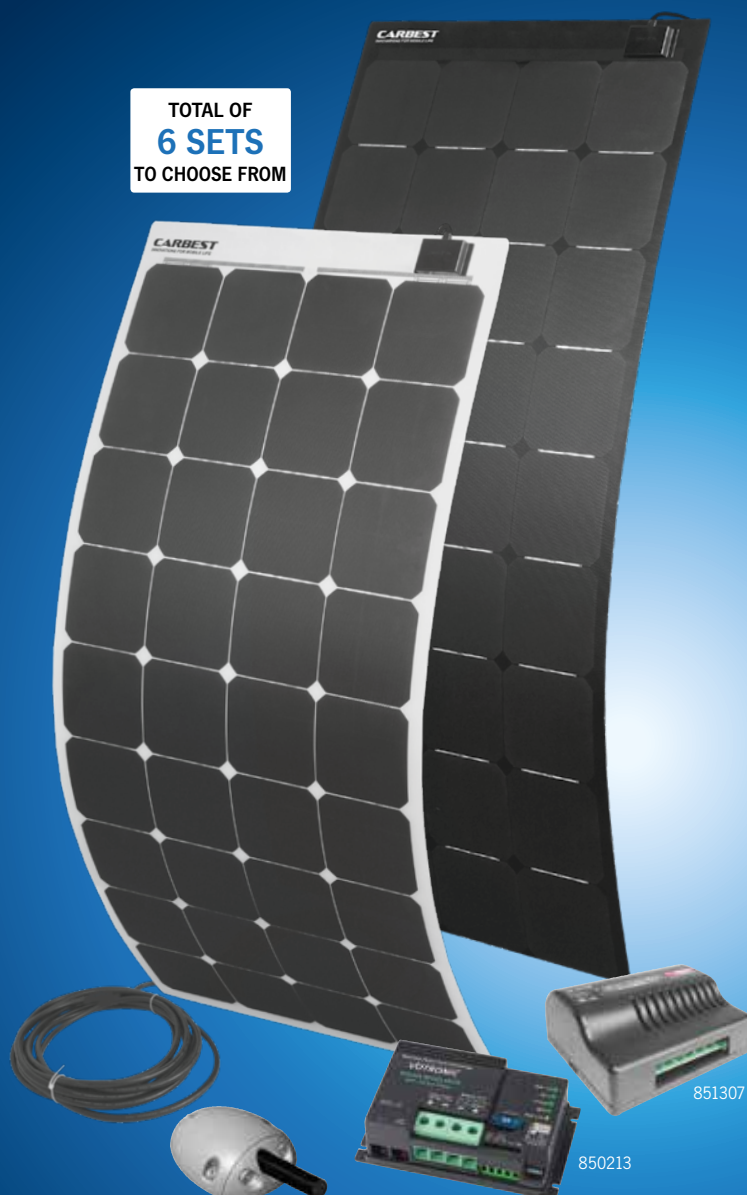
All sets include **NDS SC300M MPPT charge regulator**

12 V/300 W for gel, AGM, acid or LiFePO4 batteries. 2 separate battery circuits. 2 panels can be connected, standby consumption: 5 mA, dimensions: L 123xW 108xH 50 mm.

Construction of Carbest ultra-flexible solar modules



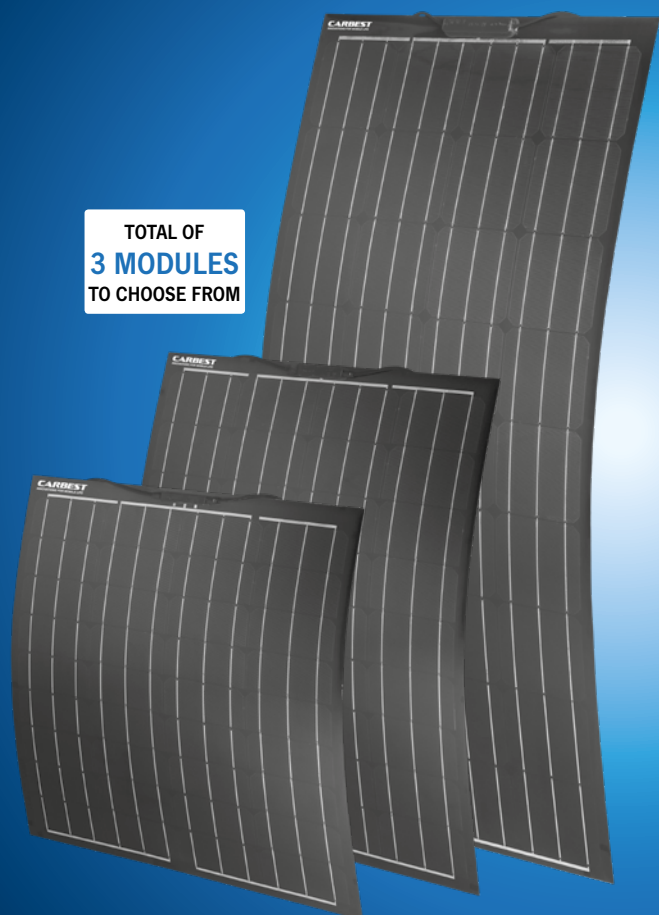
TOTAL OF
6 SETS
TO CHOOSE FROM



	Complete set Power Panel Flex 80 white	Complete set Power Panel Flex 100 Pro black	Complete set Power Panel Flex 115 white	Complete set Power Panel Flex 130 W Square white	Complete set Power Panel Flex 160 Pro black	Complete set Power Panel Flex 160 white (connection box on rear)
Solar module power	80 W	100 W	115 W	130 W	160 W	160 W
Solar module	1x 85319	1x 853171	1x 853170	1x 851562	1x 85329	1x 85333
Charge regulator	850213	851307	851307	851307	850213	850213
Regulator power	165 W	300 W	300 W	300 W	165 W	165 W
Cable (2x2.5 mm ²)	8 m pre-installed	8 m pre-installed	8 m pre-installed	8 m pre-installed	8 m pre-installed	8 m pre-installed
Cable bushing	85201	85201	85201	85201	85201	85201
Art. no.	85280	85282	85287	85286	85288	85289
Price	329.-	489.-	439.-	499.-	529.-	599.-

Flexible Eco solar modules from 80 to 150 watts

- High-quality monocrystalline solar cells
- 3.5 mm thin
- About 4 x lighter than conventional modules
- Slim connection with 0.9 m cable (2 cables, each 4.0 mm²)
- Waterproof fibreglass base plate
- High-quality TPT surface
- Exquisite deep black high-gloss finish



Complete sets with Eco solar modules

- Sets include solar module, charge regulator and roof bushing
- Slim connection with 0.9 m cable (2 cables, each 4.0 mm²)
- Power output from 80 to 150 watts



	Power Panel Flex 80 Eco	Power Panel Flex 100 Eco	Power Panel Flex 150 Eco
Output / number of cells	80 W/36 cells	100 W/36 cells	150 W/36 cells
Material of outer layer	TPT	TPT	TPT
Material of base plate	Fibreglass	Fibreglass	Fibreglass
Efficiency	18.30 %	18.43 %	17.87 %
Short-circuit current (Isc)	4.85 A	6.07 A	9.4 A
No-load voltage (Voc)	21.3 V	21.3 V	21.2 V
Rated voltage (Vmp)	17.8 V	17.8 V	17.7 V
Rated current (Imp)	4.49 A	5.62 A	8.71 A
Dimensions mm LxWxH (Box H)	800x670x3.5 (17)	970x670x3.5 (17)	1500x670x3.5 (17)
Weight incl. 8 m cable	ca. 3.0 kg	ca. 3.7 kg	ca. 5.5 kg
Art. no.	85344	85345	85346
Price	189.–	229.–	339.–

	Complete set Power Panel Flex 80 Eco	Complete set Power Panel Flex 100 Eco	Complete set Power Panel Flex 150 Eco
Solar module power	80 W	100 W	150 W
Solar module	1x 85344	1x 85345	1x 85346
Charge regulator	85135	85135	85135
Regulator power	180 W	180 W	180 W
Cable bushing	850494	850494	850494
Art. no.	851067	851068	851069
Price	259.–	299.–	419.–

Complete solar sets from 100 to 240 watts

- Sets include solar module (s) with aluminium mount, roof bushing, top charge regulator with charge signal for Schaudt EBL in Shunt technology (all sets except starter set), 10 m high-quality solar cable
- Sturdy aluminium frame, silver colour
- Monocrystalline cells
- Tempered glass
- Protected connection with 1 m cable (2x4 mm²)
- 25-year performance guarantee (80 % performance after 25 years)

Starter complete set CB-100B

Incredibly priced set with the Carbest 100 W solar module. Regulator power designed for 180 W, therefore expandable.

Complete set CB-100

Consists of the Carbest 100 W solar module and high-power 243 W solar regulator.

Complete set CB-100 Slim

Consists of the narrow Carbest 100 W slim solar module (only 410 mm wide) and high-power 243 W solar regulator.

Complete set CB-120

Consisting of the Carbest 120 W solar module. 243 W regulator power, easily upgradable.

Complete set CB-140

Consisting of the Carbest 140 W solar module. 243 W regulator power.

Complete set CB-200

Consists of 2 Carbest 100 W solar modules with a combined output of 200 W and 243 W regulator power for increased energy needs.

Complete set CB-240

Consists of 2 Carbest 120 W solar modules with a combined output of 240 W and 243 W regulator for even higher energy needs.

TOTAL OF
7 SETS
TO CHOOSE FROM

ALL SETS INCL. MOUNT,
CHARGE REGULATOR, ROOF
BUSHING AND 10 m CABLE



	Starter complete set CB-100B	Complete set CB-100	Complete set CB-100 Slim	Complete set CB-120	Complete set CB-140	Complete set CB-200	Complete set CB-240
Solar module power	1 x 100 W	1 x 100 W	1 x 100 W	1 x 120 W	1 x 140 W	2 x 100 W	2 x 120 W
Solar module	1 x 85226	1 x 85226	1 x 85285	1 x 85227	1 x 85250	2 x 85226	2 x 85227
Charge regulator	85135	85138	85138	85138	85138	85138	85138
Regulator power	180 W	243 W	243 W	243 W	243 W	243 W	243 W
Cable (2x2.5 mm ²)	10 m	10 m	10 m	10 m	10 m	10 m	10 m
Cable bushing	85049	85049	85049	85049	85049	850491	850491
Mounting spoiler	850906	850906	850900	850906	850906	2x 850906	2x 850906
Art. no.	851061	851060	851063	840301	851064	851070	840302
Price	279.–	329.–	329.–	389.–	429.–	579.–	759.–

All articles on this page expected to be available starting March 2018

High-performance solar modules from 100 to 140 watts with aluminium frame

- Sturdy aluminium frame:
(CB series: Silver colour)
(All-Black series: Black coated)
- Monocrystalline cells
- Tempered glass
- Protected connection
with 1 m cable (2 x 2.5 mm²)
- Power: 100 to 140 watts
- 25-year performance guarantee
(80% performance after 25 years)

TOTAL OF
7 MODULES
TO CHOOSE FROM

CB-100 Slim
with compact
design



	CB-100	CB-100 Slim (compact design)	100W All-Black	CB-120	120W All-Black	CB-140	140W All-Black
Output / number of cells	100 W/36	100 W/36	100 W/36	120 W/36	120 W/36	140 W/36	140 W/36
Efficiency	20.0 %	19.6 %	20.4 %	20.0 %	20.4 %	19.6 %	20 %
Short-circuit current (Isc)	5.83 A	5.66 A	5.85 A	6.87 A	6.89 A	7.89 A	7.89 A
No-load voltage (Voc)	22.82 V	22.74 V	22.8 V	23.49 V	23.47 V	22.99 V	22.96 V
Rated voltage (Vmp)	18.35 V	18.94 V	18.32 V	18.9 V	18.87 V	18.92 V	18.9 V
Rated current (Imp)	5.45 A	5.28 A	5.46 A	6.35 A	6.36 A	7.4 A	7.41 A
Dimensions mm LxWxH	1200x550x35	1580x410x35	1200x545x35	1450x550x35	1450x545x35	1730x545x35	1730x545x35
Weight	ca. 7.5 kg	ca. 7.5 kg	ca. 7.5 kg	ca. 9.0 kg	ca. 9.0 kg	ca. 10.5 kg	ca. 10.5 kg
Art. no.	85226	85285	85229	85227	85239	85250	85240
Price	219.–	219.–	269.–	259.–	299.–	299.–	359.–

All-Black complete solar sets from 100 to 140 watts

- Sets include solar module with mount, roof bushing, top charge regulator with charge signal for Schaudt EBL in shunt technology, 10 m high-quality solar cable
- With high-quality solar regulator "Made in Germany"
- Monocrystalline cells, black coated aluminium frame
- With pre-installed 1 m connection cable (2x2.5 mm²)
- Power: 100 to 140 watts
- 25-year performance guarantee
(80 % performance after 25 years)

TOTAL OF
3 SETS
TO CHOOSE FROM

Complete set 100 W All-Black

Consists of the Carbest 100 W All-Black solar module and high-performance 243 W solar regulator.

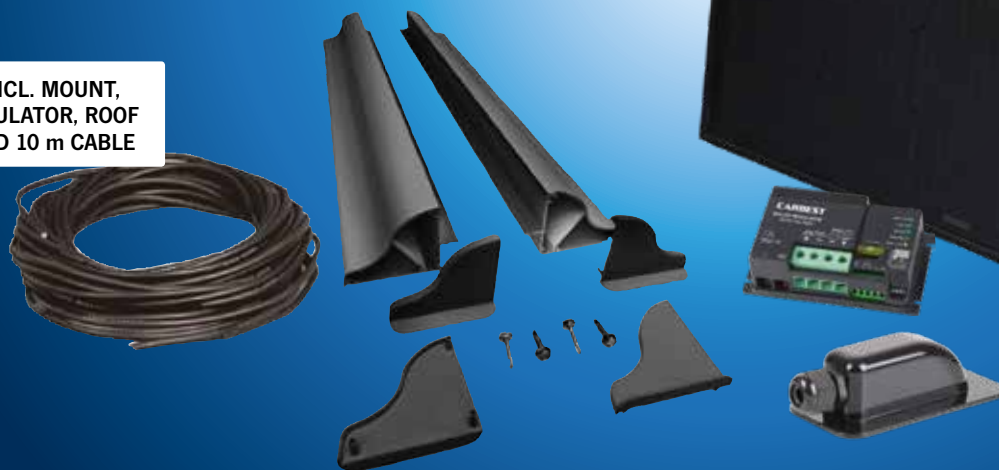
Complete set 120 W All-Black

Consisting of the Carbest 120 W All-Black solar module. 243 W regulator power, easily upgradable.

Complete set 140 W All-Black

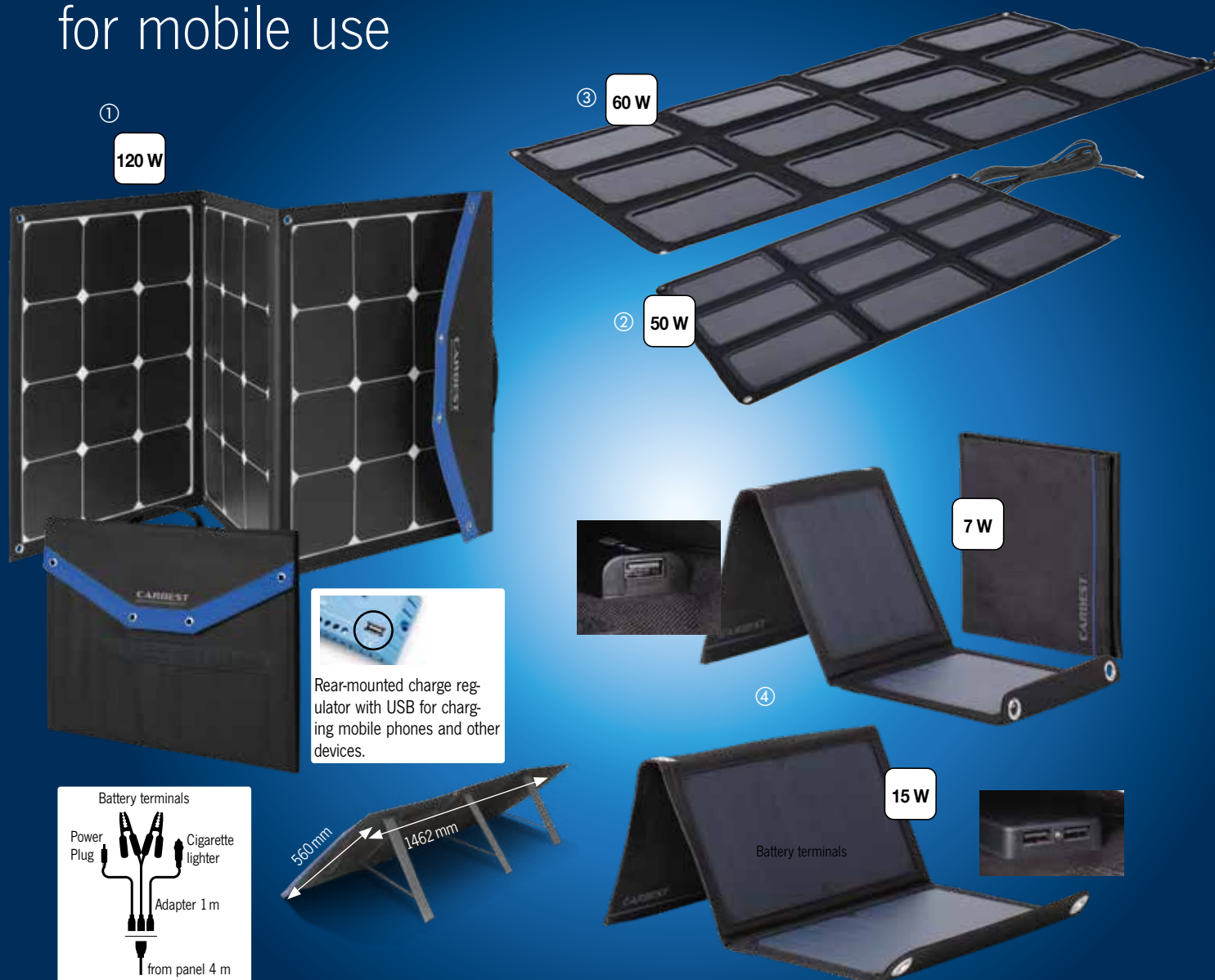
Consisting of the powerful Carbest 140 W All-Black solar module. 243 W regulator power.

ALL SETS INCL. MOUNT,
CHARGE REGULATOR, ROOF
BUSHING AND 10 m CABLE



	Complete set 100W All-Black	Complete set 120W All-Black	Complete set 140W All-Black
Solar module power	1 x 100 W	1 x 120 W	1 x 140 W
Solar module	1 x 85229	1 x 85239	1 x 85240
Charge regulator	85138	85138	85138
Regulator power	243 W	243 W	243 W
Cable (2x2.5 mm²)	10 m	10 m	10 m
Cable bushing (black)	850493	850493	850493
Mounting spoiler (black)	850909	850909	850909
Art. no.	851062	851065	851066
Price	359.–	439.–	479.–

High-performance folding solar panels for mobile use



① Folding solar panel with 120 watts and charge regulator

- 36 high-performance Sunpower cells
- Built-in charge regulator with additional USB output
- 4 m connecting cable with 3 adapters for different connection options
- Folds into pouch

With USB charge output 5 V/1.2 A in charge regulator. Includes 3 connection adapters with alligator clips, plug for cigarette lighter socket and 12 V power supply plug (e.g. for EFOY GO). Adapter cables can be stored in the patch pocket.

Dimensions opened: 1462x560x4 mm.

Dimensions folded: 440x560x20 mm. Weight: ca. 2.3 kg.

120 W panel, rated voltage 20.88 V/rated current 5.97 A

82506 549.–

Folding solar panels with 9 or 12 solar cells

Lightweight and compact for mobile use anywhere. With eyelets on the corners for fast mounting. Integrated pouch.

② 9 solar cells: 50 W power. Dimensions: 960x680x8 mm.

Folded: 220x320x60 mm. Weight: ca. 2.5 kg. **82501 169.–**

③ 12 solar cells: 60 W power. Dimensions: 1,280x680x8 mm.

Folded: 220x320x100 mm. Weight: ca. 3.5 kg. **82502 254.–**
Connection cable for interlinking up to 3 panels 82504 11.49

④ Handy folding solar panels with 7 or 15 W power

- With practical mounting flaps and Velcro fastener

Solar panel with 7 W. Output 1xUSB 5 V/1.2 A.

Size opened: 498x238x9 mm, size closed: 163x238x24 mm.

Weight: 395 g. **85230 49.90**

Solar panel with 15 W. Output 2xUSB 5 V/2.5 A.

Size opened: 777x251x9 mm, size closed: 197x251x32 mm.

Weight: 610 g. **85231 89.90**



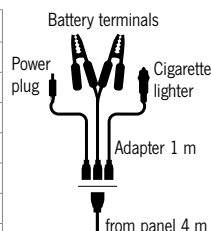
① Portable solar panel 100 watt

- Mobile charging of your 12V battery
- Monocrystalline cells
- Incl. robust hard case
- 10A charge controller integrated
- 3 adapter cables, each 1 m in length
- Foldable feet



Rear-mounted charge regulator with USB for charging mobile phones and other devices.

Module power WP	100 W panel
Rated voltage / rated current	18.0 V / 5.56 A
Efficiency	18.40 %
USB connection	5 V / 1.2 A
Connection cable	4 + 1 m
Dimensions open in mm	1010 x 650 x 30
Dimensions closed in mm	505 x 650 x 60
Weight	11 kg
Art. no.	825031
Price	299.-



② Portable 13 W solar generator with energy box

- Energy box with 7 Ah battery and 2 separate charging cables
- LED work light included

With 12 V and USB port, charging a mobile phone or laptop computer is no problem. Packed size of module: 520 x 390 mm, opened: 768 x 520 mm, weight: 4.75 kg, size of energy box: 280 x 180 x 100 mm, weight: 3.75 kg. Scope of delivery: Solar module, energy box, LED work light with cigarette lighter connection, charging cable with alligator clips, charging cable for cigarette lighter

850205 119.-

③ Solar regulator 12 V/24 V – 15 A Optical capacity indicator.

Reliable and economically priced charge regulator for solar systems with a charge capacity of up to 360 watts.

85135 39.90

④ MPPT charge controller

12V/270W. Battery type adjustable. For gel, AGM, acid, LiFePO4 Batteries. 2 solar modules connectable, 4-stage charging curve, integrated desulphator. Outputs for 2 batteries, with LED charging indicator lights. Dimensions: LxWxH 103x86x50mm

851320 109.-



④ Effective battery charging also in weak sunlight SR 243 Duo Digital, 12 V

2nd output for starter battery, charging program for all battery types (also LiFePo4), LED power indicators, connection for temperature sensor, all regulators can be connected to solar computer. Solar module power min. / max. 30-243 Wp, max. solar module voltage / current: 28 V / 15 A, charging current max. (batt.1/2): 14.7 A / 0.8 A, connection to EBL optional with 851304, dimensions (WxDxH) 131 x 77 x 40 mm

Weight ca. 155 g 85138 82.99

Cable bushings

For safe cable routing through roofs or walls. Small, compact, waterproof. For gluing with Sikaflex incl. PG 13.5 screwed cable gland for Ø 6 – 12 mm cable.

⑥ White, 1-way (L12,0 x B6,5 x H3,8 cm)	85049	10.90
⑦ Black, 1-way (L12,0 x B6,5 x H3,8 cm)	850493	10.90
⑧ White, 2-way (L1 2.4xD 9.3xH 3.8 cm)	850491	14.90
⑨ Black, 2-way (L1 2.4xD 9.3xH 3.8 cm)	850494	14.90

⑩ Sturdy aluminium spoiler profile

2-part, can be shorted if necessary, mount for gluing or bolting. Suitable for Carbest solar modules

Scope of delivery: Extruded profile, plastic caps, assembly instructions

Aluminium profile rods 550 mm 2 pieces

(suitable for Carbest modules 885226, 85227, 85229, 85239, 85240, 85250)

White	850906	49.90
Black	850909	49.90

Aluminium profile rod 410 mm 2 pieces (suitable for Carbest module 85285)

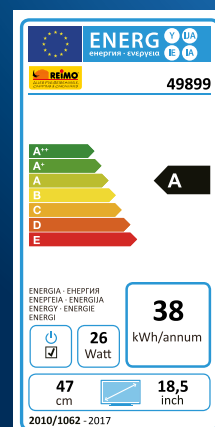
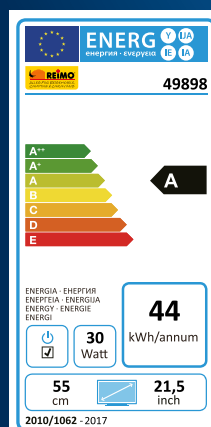
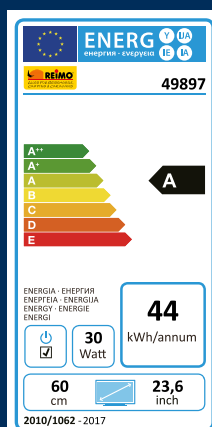
White	850900	37.99
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18.5", 21.5", 23.6" wide-screen LED TVs with DVB-T2/-S2/-C triple tuner

- Wide-angle displays
- 16:9 wide-screen format
- Incl. indoor DVB-T rod antenna
- 12 V operation incl. mains adapter (100 – 240 V)
- Extra On / Off switch on device

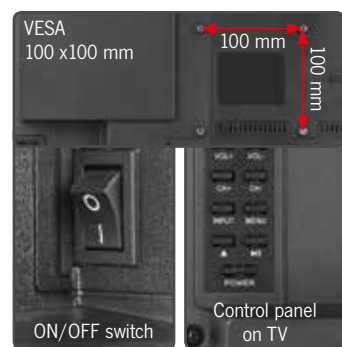
12~30 VOLT	100~240 VOLT	DVB-T2 DVB-S2 DVB-C	DVD PLAYER	VIDEO- TEXT
HDMI	USB 2.0	CI+ SLOT	MPEG4	SCART VGA





Device type	18.5" HD READY	21.5" FULL HD	23.6" FULL HD
Aspect ratio	16:9 wide-screen format		
Viewing angle	178° H / 178° V		
Operating voltage	12 V DC / 24 V DC / 230 V DC		
TV connections IN	2x RF, 1x Scart, 1x HDMI, 1x VGA, 1x PC-Audio, 1x AV, 1x Ypbpr, 1x CI+ Slot, 1x USB 2.0		
TV connections OUT	1x coaxial, 1x headphone		
Operating / Standby input current	24 W / <0.5 W	36 W / <0.5 W	36 W / <0.5 W
Resolution (pixels)	1366 x 768	1920 x 1080	1920 x 1080
Contrast	1000:1	4000:1	3000:1
Brightness (cd/m2)	200	200	220
Viewing angle	178 H, 178 V		
Dimensions (mm): Without base / with base	WxHxD 435x310x45/180	WxHxD 500x345x45/180	WxHxD 545x375x45/180
EU energy efficiency class	A		
Weight	2.6 kg	3.2 kg	3.7 kg
Scope of delivery	LED TV, power supply 100–240 V, car adapter 12–30 V with cigarette lighter plug, mobile indoor DVB-T rod antenna, mini-AV cable, mini-Ypbpr cable, remote control, user manual		
Art. no. / price	49899 299.–	49898 359.–	49897 379.–

We reserve the right to make technical improvements or modifications, and also to deliver a product of comparable quality from a different manufacturer or supplier.
The pictures are similar to the delivered products. Dimensional specifications are approximate.





All models with D+ cable!

**Automatically folds in
when the motor starts.**



Travelsat systems 68 and 80

Premium quality and reliability at a super price

- **Extremely robust, maintenance-free metal drive**
- **Super easy to operate – just push a button to receive the desired satellite**
- **Fully automatic alignment in about 30–60 seconds**

Technology: The Travelsat series with state-of-the-art hardware and software technologies.

Easy to update and future-ready: HD and DVB-T2.

Control unit: The system is compatible with all decoders (also Sky HD). Reprogrammable software connection without opening the box.

Positioning: Fast search of the satellite position. Thanks to GPS the search time is about 30–60 sec, 5–10 seconds when changing satellites. Automatic satellite alignment at the push of a button. 1, 7 or 15 pre-stored satellites. Last detected position is saved.

Acoustic signal warns if antenna is open when vehicles starts up (Plus).

Details: Aluminium mounting plate for easy and secure mounting on the vehicle. High-precision gearbox of steel & bronze for a long, maintenance-free service life.

Technical data:

12 volt/27 watt (Max. 48 watt during retraction and extension), –15 °C to +50 °C. With CI slot (Common Interface), OSD.

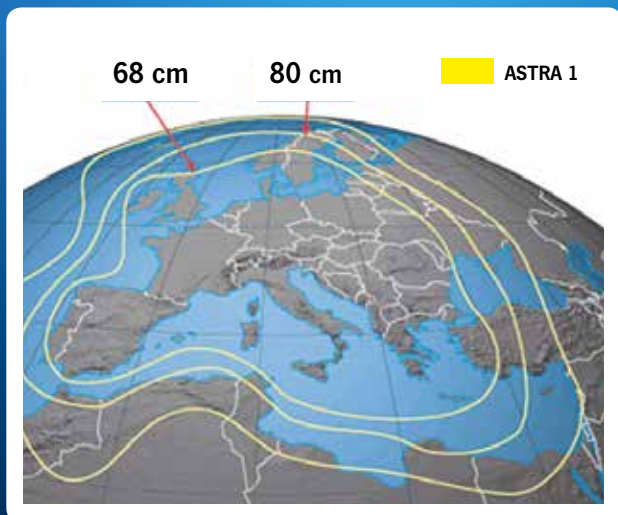
Dimensions:

Travelsat 68 / 68 Twin LED: L 618xW 766xH 190 mm, weight: 15.8 kg

Travelsat 80 / 80 Twin Plus: L 800xW 850xH 190 mm, weight: 16.8 kg

Scope of delivery:

Outdoor antenna, control unit without receiver, cable, roof bushing, mounting material, mounting plate and instructions.



Travelsat Ø 68 cm

1-satellite version ASTRA:

For reception within Europe (yellow zone).

This version can be upgraded with the LED panel to 7 satellites and with the Plus panel to 15 satellites. This gives you versatility also with the less expensive version. Ø max. turning range: 121 cm.

Travelsat 68 with 1 satellite (ASTRA)* 49691 1279.-

Already programmed for ASTRA. No additional control panel needed.

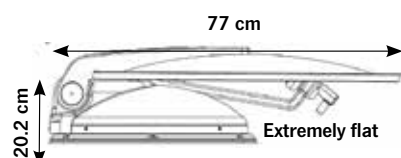
Travelsat 68 with 1 satellite (HOTBIRD) 49692 1249.-

Twin system:

The Comfort version with LED control panel and TWIN-LNB for 2 receivers.

7 satellites pre-programmed. Update via satellite.

Travelsat 68 Twin with LED panel 49654 1579.-



Receiver standard for 49691 and 49692

HD

Travelsat Ø 80 cm

1-satellite version ASTRA:

For reception within Europe (yellow zone). This version can be upgraded with the LED panel to 7 satellites and with the Plus panel to 15 satellites.

This gives you versatility also with the less expensive version.

Ø max. turning range: 131 cm.

Travelsat 80 with 1 satellite (ASTRA)* 49693 1349.-

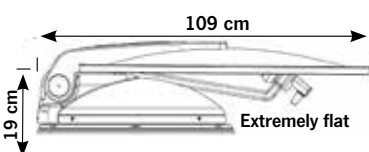
Already programmed for ASTRA. No additional control panel needed.

Twin system:

The Premium version with Plus control panel and TWIN-LNB for 2 receivers.

15 satellites pre-programmed. Update via satellite.

Travelsat 80 Twin with Plus-Panel 49659 1699.-



Receiver standard for 49693

HD

Optional comfort upgrade functions:

The 1-satellite versions can be upgraded with the LED panel to 7 satellites or with a Plus panel to 15 satellites. This allows you to adapt the Travelsat to your requirements at any time. On request, your Reimo dealer can also change the pre-programmed satellites, for example if the vehicle is sold abroad.



LED control panel
7 pre-programmed satellites:
 Hotbird 13E, Astra 19, Thor, Sirius,
 Atlantic Bird, Hispasat, Astra 28.
 (standard for 49654).
49724 149.-



Comfort "Plus" LCD control panel additional functions and 15 pre-programmed satellites:
 Hotbird 13E. Astra 19E. Astra 28E.
 Eurobird 16E. Thor 1W. Sirius 5E.
 Atlantic Bird 5W. Hispasat 30W.
 Eurobird 9E. Eutelsat 7E. Eutelsat 10E.
 Amos 3W. Atlantic Bird 8W. Atlantic Bird 12W. Astra 23.5E.
 (e.g. for Benelux countries) (standard for 49659).
49725 180.-



TWIN system:

The Twin system has a second SAT connection for an additional digital or HD receiver, such as for a TV in the sleeping area or for recording. This allows the independent selection of different programs on the two connections (receiver not included).

Service:

The widespread SR-Mecatronic service network ensures fast repair or replacement in case of a service call. The Travelsat is then ready for use again in a short time.

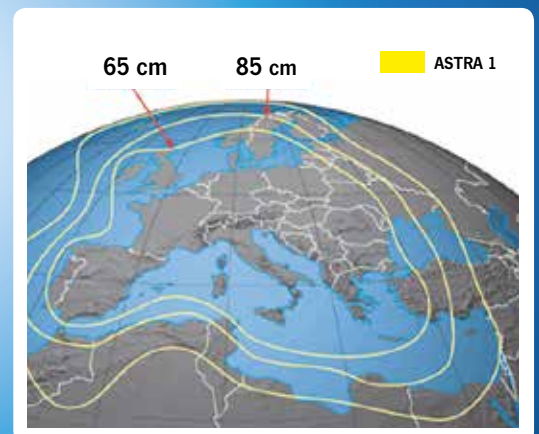
Top quality for a great price

Multi-Sat-Equipments X65/X85 Single & X85 Twin + Skew

- Fully automatic satellite System
- Automatic folding while engine starts
- 10 satellites pre-programmed
- Receiver Independent
- Extremely robust, maintenance-free metal drive
- Super-easy operation, you receive the desired satellite at the press of a button

Specifications: 10 satellites pre-programmed, input frequency: 10.7 ~ 12.75 GHz, output frequency: 950 ~ 2,150 MHz, polarization: vertically and horizontally, angle range elevation: 0 ° ~ 145 °, angle range Azimuth: 390 °, power supply: DC 12 Volt, operating temperature: -20 ° C to + 60 ° C.

Scope of delivery: Multi-Sat antenna, controller, roof duct, mounting plate LNB protective film, connection cable, screws, operating instructions.

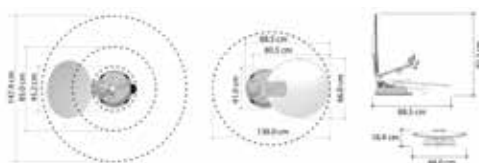


Sat-antenna Multi-Sat X65 Single

10 satellites pre-programmed

SAT-System Multisat 65 cm Single LNB, pre-programmed satellite: **Turksat, Astra 2, Astra 3, Astra 1, Hotbird, Eutelsat 9, Astra 4, Thor, Eutelsat 5W, Hispasat**, compact and yet high reception power, satellite search time max. 180 sec., Software-Update via USB, dimensions retracted: 88,5 x 66 x 18,4 cm, weight: ca. 12 kg.

49631 999,-



NEW

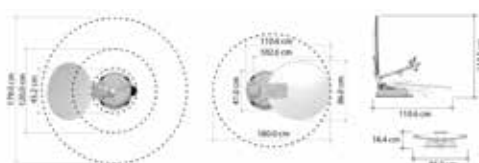


Sat-antenna Multi-Sat X85 Single

10 satellites pre-programmed

SAT-System Multisat 85 cm Single LNB, pre-programmed satellite: **Turksat, Astra 2, Astra 3, Astra 1, Hotbird, Eutelsat 9, Astra 4, Thor, Eutelsat 5W, Hispasat**, compact and yet high reception power, satellite search time max. 180 sec., Software-Update via USB, dimensions retracted: 110,6 x 86 x 18,4 cm, weight: ca. 14 kg.

49632 1199,-



NEW

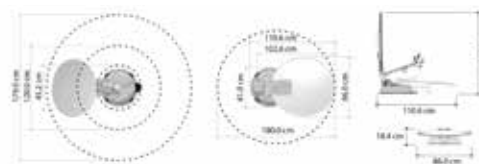


Sat-antenna Multi-Sat X85 Twin + Skew

10 satellites pre-programmed

SAT-System Multisat 85 cm TWIN LNB + AUTO SKEW, pre-programmed satellite: **Turksat, Astra 2, Astra 3, Astra 1, Hotbird, Eutelsat 9, Astra 4, Thor, Eutelsat 5W, Hispasat**, compact and yet high reception power, satellite search time max. 180 sec., software-Update via USB, dimensions retracted: 110,6 x 86 x 18,4 cm, weight: ca. 14 kg.

49633 1499,-



NEW



Compact sat antennas with high receiving power

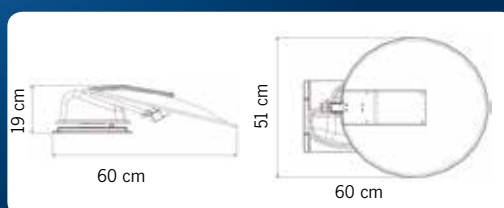
- Compact design with high receiving power
- Small swivel range
- Low height (retracted)
- Easy to operate
- DUO = 2 satellites pre-programmed (ASTRA and Hotbird)



The automatic 60 cm Carbest satellite system is ideal for box vans, caravans or RVs with a small mounting surface. Despite its small size, the compact 60 cm mirror enables very good reception also in Europe's peripheral regions.

The antenna has a connection for one subscriber. The uncluttered, user-friendly control panel offers fully automatic reception at the push of a button. Two pre-programmed satellites (ASTRA and Hotbird) can be selected. Receiver not included.

Carbest 60 DUO white	49740	1099.–
Carbest 60 DUO anthracite	49739	999.–



Snipe Dome dome antenna for TV streaming to mobile devices*

12 V
24 V HD

- 8 satellites pre-programmed
- GPS receiver for faster satellite search
- Automatic SAT search at push of button
- TV transmission to mobile end devices such as smart phone or tablet PC (only for Snipe Dome WiFi TV)
- Compact and aerodynamic

(*TV streaming only possible via Snipe Dome WiFi TV antenna)

TV streaming to
mobile devices



Snipe Dome

Satellite systems with automatic positioner under a plastic dome. Automatic satellite search at push of button within 1–2 minutes when vehicle is parked. The innovative receiver unit enables an extremely compact design that provides optimal protection against external damage. The positioner operates independently and can be used with any satellite receiver. The integrated GPS receiver reduces the satellite search time to only 1–2 minutes.

Reception ranges:

All German TV and radio programs can be received in Europe's most important vacation countries at the push of a button. The control unit is pre-programmed for a total of 8 satellites.

Scope of delivery: Antenna, control unit, 2 x 12 m coax cable, roof bushing, screw set, 12 V car connection cable, screwed cable gland and instructions.

Dimensions: LxWxH ca. 660x660x315 mm, weight: ca. 10 kg.

Technical data:

Temperature range: –30 °C to 60 °C, voltage supply 12–24 volt, signal amplification 33.7dBi @ 12.7GHz, minimum EIRP (footprint) 50dBW. Angle of inclination: 15°–75°, search angle 390°. 8 pre-programmed satellites: Astra 1 (19.2° East), Astra 2 (28.2° East), Astra 3 (23.5° East), Astra 4 (4.8° East), Hotbird (13° East), Thor (0.8° West), Eutelsat 9A (9° East), Hispasat and AB3.

Snipe Dome 48298 1029.–



Snipe Dome WiFi TV for LIVE-TV

See above for details and technical specifications.

In addition, TV signals can be transferred directly to smart phones, tablet PCs and notebooks via the built-in WLAN function. Different programs can be viewed on a maximum of 8 mobile devices (up to a maximum distance of 80 m in an open area).

Please note: Interference-free transmission of SAT>IP signals to mobile devices is possible only in the 5 GHz band. Please check whether your mobile devices support the 5 GHz band.

Dimensions: LxWxH ca. 660x660x315 mm, weight: ca. 10 kg.
Snipe Dome WiFi-TV 48299 1699.–

Different programs can be viewed on
up to 8 mobile end devices.



Snipe Pro

- Active GPS receiver for short search times
- Automatic SKEW function
- Extremely flat, robust aluminium case (only 22.2 cm high)
- 10 satellites pre-programmed, can be selected with external control unit
- Extra reinforcement for high wind loads

Snipe Pro Max:

- Identical to SNIPE PRO, but with extremely high receiving power (47dBW) and range



Comfort features of Snipe PRO and Snipe PRO MAX:

Auto-skew function automatically compensates polarisation shifts due to turning of the antenna. This ensure optimal reception at all European locations. In addition, the integrated active GPS receiver remains in standby via a built-in backup battery, without power from the vehicle. Satellite search time only 1–2 minutes. Large angle for reception (5–90°) in southern and northern Europe. Automatic retraction when vehicle starts up. Auto update of transponder data via satellite keeps Snipe up to date. DVB-S2 also makes it ideal for HD TV. Subject to technical modifications

Technical data for SNIPE PRO and SNIPE PRO MAX:

1-subscriber universal LNB. Frequency range: 10.7–12.75 GHz, frequency band: Ku band, polarisation: linear (horizontal / vertical), receiving power: 50 dBW, antenna gain: 33.7 dBi (Snipe Pro) and 36.1 dBi (Snipe Pro Max), angular areas: Azimuth: 360°, elevation: 5°–90°, skew: –60°–+60°. Temperature range: –20 to +60 °C. Voltage range 12 to 24 volts. Power consumption: max. 75 W (searching)

10 satellites pre-programmed:

Astra 1, Astra 2, Astra 3, Astra 4, Hotbird, Thor, Eutelsat 5 West A, Türksat, Hispasat, Eutelsat 9A.

Scope of delivery:

Antenna, control unit, mount for control unit, 12 V connecting cable, 12 m coax cable for receiver and control unit, roof bushing, mounting plate and user manual.

Dimensions and weights:

Snipe PRO: (LxWxH): 49.1x51.1x22.2 cm, antenna closed: H: 22.2 cm, weight: 13.5 kg
Space needed for maximum turning range of antenna: ca. 640 mm.

Snipe PRO MAX: (LxWxH): 51.1x63.8x24.6 cm, antenna closed: H: 24.6 cm. Weight: 16.5 kg
Space needed for maximum turning range of antenna: ca. 640 mm.

Snipe PRO

48295

1150.–

Snipe PRO MAX

48296

1450.–



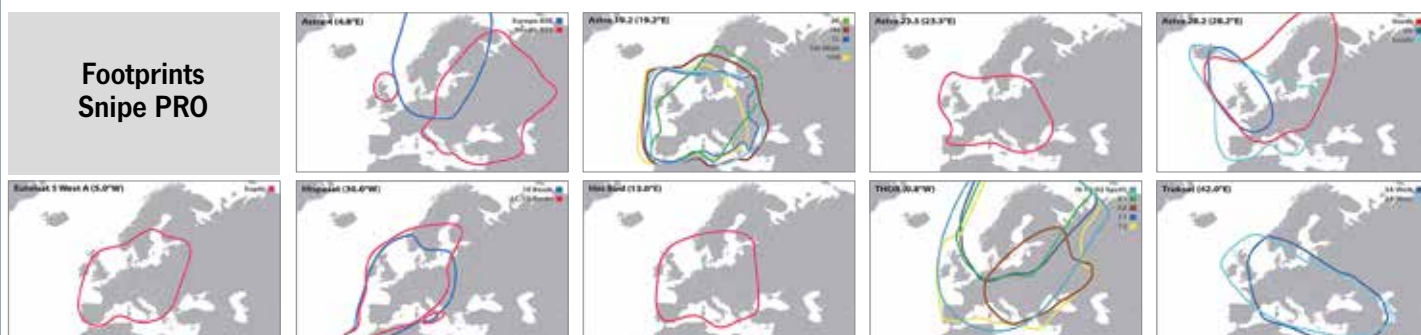
H: 22.2/24.6 cm

HD

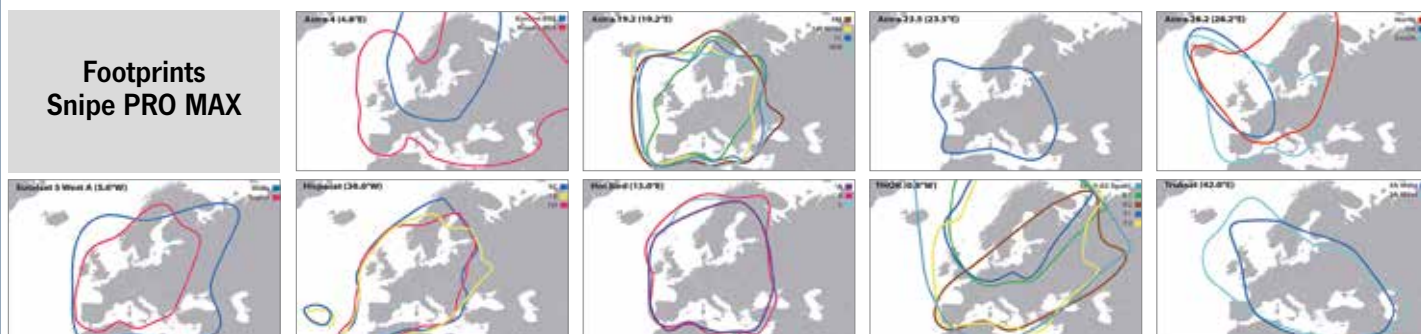
12 V
24 V

Can be used
with any satel-
lite receiver.

Footprints Snipe PRO



Footprints Snipe PRO MAX



Snipe III - Optimal footprint by auto-skew and 10 pre-programmed satellite

- Multi-reception, 10 satellites pre-programmed
- Auto-skew for optimal footprint
- Permanent installation on RV/caravan incl. mounting kit
- Compact dimensions, therefore suitable for numerous vehicles
- Satellite search time max. 120 seconds
- Extremely robust housing provides reliable protection for turning mechanism

Technical data:

Input frequency: 10.7~12.75 GHz, output frequency: 950~2.150 MHz.
Signal gain: 33.7 dBi/12.7 GHz, polarisation: vertical / horizontal,
angular area 15°~90°. Azimuth: 360°.

Operating temperature: -30 °C ~ +60 °C, voltage 12 volt. Consumption:
30 watts during satellite search. Software update via USB on control unit.
10 satellites pre-programmed: (ASTRA 1/2/3/4, HotBird, Türk-sat, Thor,
AB3, Eutelsat, Hispasat). Dimensions: ca. 515x355x210 mm.
Weight: ca. 10.3 kg.

Scope of delivery: Motor unit with electronic control, mounting plate,
roof bushing, transport case and cable set. Flat antenna pre-mounted on
outer unit. With control unit, 12 V connecting cable and user manual.

482943

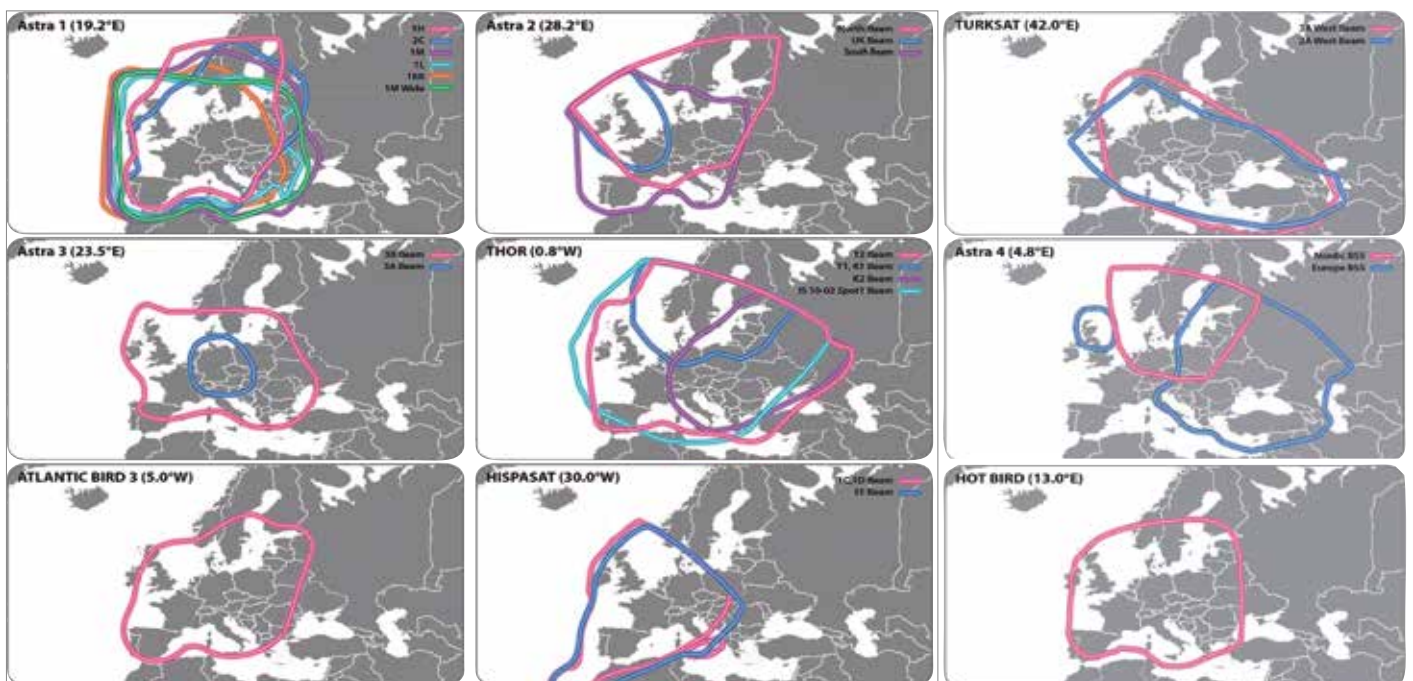
999.-



HD



Footprints (Eutelsat 9A not shown):



Compact DVB-T2 antennas for outdoor, car or caravan



DVB-T2

**12 V
24 V**

230 V

Fixed installation or mobile mounting

Time-proven in 4 years of use

Eric – digital DVB-T2 antenna

- For receiving digital terrestrial signals
- With high-quality amplification and switching technology
- Protected against UV radiation and splashing water
- Suction cup for installation on smooth surfaces
- 12/24 volt operation, with cigarette lighter connection
- 230 volt power adapter included
- For TVs with 5 V supply via antenna output
- For TVs without 5 V supply the 5 V supply voltage can be looped in via 12 & 230 V

Technical data: DC 12/24 volt, UHF 470~870 MHz, VHF 47~230 MHz, amplification level: 20 +- 3dB low-loss amplification technology. Dimensions: H 200xW 105xD 80 mm (without base). **Scope of delivery:** Antenna, flexible mounting bracket, pole mounting set, 5 V component for supply voltage, coax cable, 12 V and 230 V power adapter, flexible mounting element with Ø 70 mm suction cup, cigarette lighter cable, user manual.

494101

58.99



EXPERT'S TIP

DVB-T2

**12 V
24 V**

Cable routing through aluminium base

The active DVB-T2 omnidirectional antenna for roof mounting with TOP reception

- Reception of regional digital programs
- Integrated amplifier
- Concealed cable routing (through antenna base)

Antenna with state-of-the-art SMD technology. Excellent reception of digital terrestrial TV (DVB-T) and radio programs (DAB radio). Reception of local / regional FM radio signals. With built-in amplifier. Extremely large frequency range. Weatherproof, no-rust, version with aluminium base.

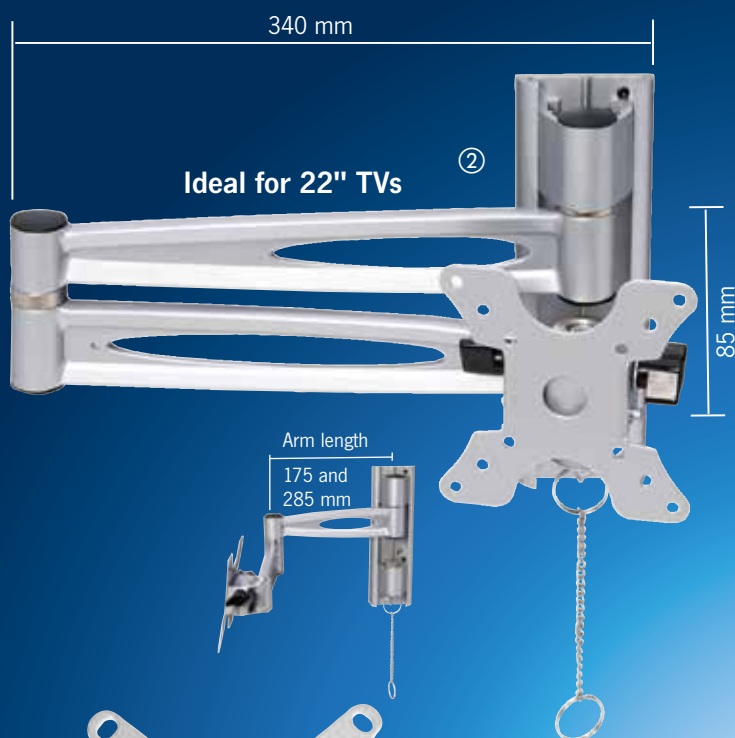
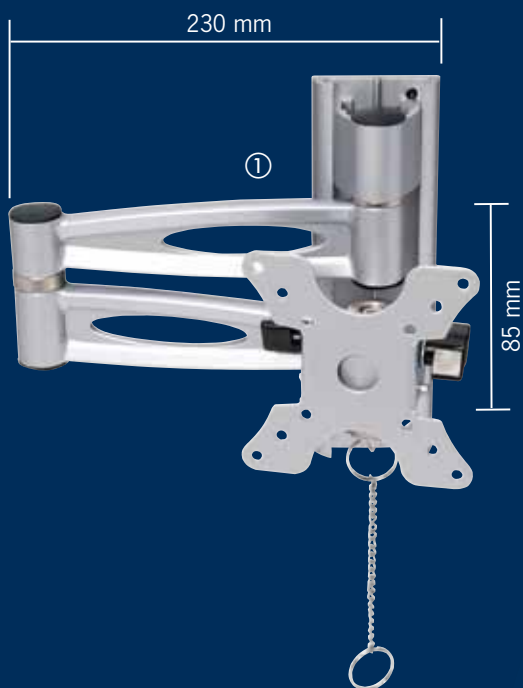
Technical data:

Frequency ranges: FM 87.5-108 MHz, VHF 174-230 MHz, UHF 470-862 MHz.

Opening angle: vertical 90° / horizontal 360°, output level: max. 108 dB V, amplification: 35 dB, input voltage: DC 12/24 V, operating voltage: 5 V DC, connection: F-plug. Dimensions: Ø base: 13 cm, Ø antenna: 30 cm, overall height: 20 cm

49410

119.90



Strong TV wall mount for Carbest TVs

TV wall mount with locking screws

- Wall mount TFT mount in 2 versions
- For monitors from 15" to 23"
- Hole pattern 50, 75 and 100 mm (VESA)

① Carbest TV mount Simon Luxus

Locks securely for driving. Arm length 175 mm each. Length extended 430 mm. Load capacity up to 10 kg. Weight: ca. 1 kg. Aluminium silver. **493960 69.99**

② Carbest TV mount Simon Luxus XL

Like Simon Luxus TV mount, but with arm length 285 mm each. Length extended 650 mm. Load capacity up to 10 kg. Weight: ca. 1.4 kg. Aluminium silver. **493970 76.99**



TV wall mount with locking screws

- Wall mount TV mount in 3 versions
- For monitors from 13" to 30"
- Hole pattern 75 and 100 mm (VESA)

③ Wall mount TV mount S

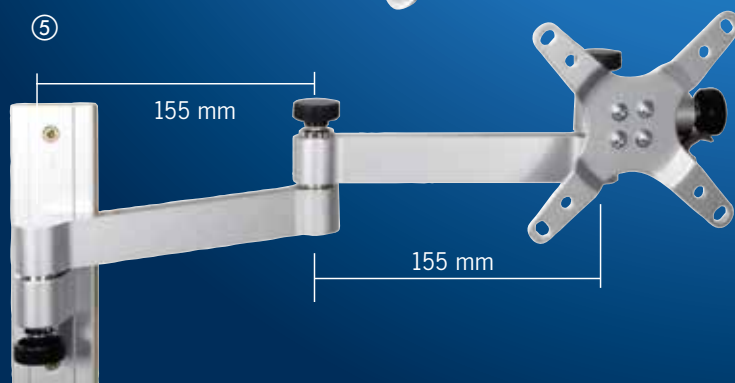
The quality has been approved with new thumb screws. Dimensions: 116x114x98 mm. Load capacity up to 10 kg. Weight: 0.6 kg. Aluminium silver. **493962 27.99**

④ Wall Mount TV mount M

Dimensions: 116x152x81 – 235 mm load capacity up to 10 kg. Weight: 0.8 kg. Aluminium silver. **493961 47.99**

⑤ Wall Mount TV mount XL, aluminium

Dimensions: 116x152x81 – 390 mm load capacity up to 10 kg. Weight: 1 kg. Aluminium silver. **49396 49.90**



MaxiFreezer – Robust compressor coolers with 40 l, 50 l or 60 l volume.

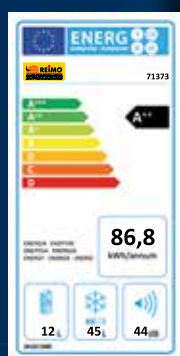
Cools from $-20\text{ }^{\circ}\text{C}$ to $+10\text{ }^{\circ}\text{C}$.

12 V
24 V

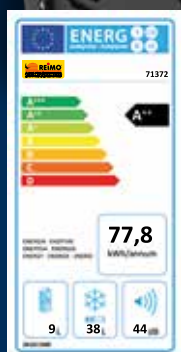
220 V
230 V

A⁺⁺

Top-Prices
2019
ab 469,--



NEW



Lid opens on
both sides and
is completely
removable



- Extremely robust case with camera protection
- 2 sturdy handles (load capacity up to 140 kg)
- Removable cover, opens on both sides
- Easy to clean due to removable basket insert and floor drain
- Electric thermostat with digital temperature display
- Dependable, quite-running compressor
- Battery monitor protects vehicle battery
- Energy-saving LED interior lighting
- LED display for easy operation
- Scope of delivery: Cooler, connecting cable, user manual
- Thermal protective bag optionally available.
Protects the cooler from dirt and scratches.
Insulating effects improves the cooling capacity.



Thermal protective bag optionally available



Model	NEW! MaxiFreezer 28 litre	MaxiFreezer 40 litre	MaxiFreezer 50 litre	MaxiFreezer 60 litre
Usable volume (litres)	Refrigerator / freezer: 5/21	Refrigerator / freezer: 7/34	Refrigerator / freezer: 9/38	Refrigerator / freezer: 12/45
Supply voltage	12 / 24 Volt DC, 100 – 240 Volt AC	12 / 24 V DC, 220 – 240 V AC	12 / 24 V DC, 220 – 240 V AC	12 / 24 V DC, 220 – 240 V AC
Power consumption	12 V / 3,2 A / 38,4 W 24 V / 1,6 A / 38,48 W	12 V / 4.2 A / 50.4 W 24 V / 2.2 A / 52.8 W 220 – 240 V / 0.4 A / 56 W	12 V / 4.2 A / 50.4 W 24 V / 2.2 A / 52.8 W 220 – 240 V / 0.4 A / 56 W	12 V / 4.2 A / 50.4 W 24 V / 2.2 A / 52.8 W 220 – 240 V / 0.4 A / 56 W
Temperature range	+10 °C bis -20 °C			
Energy class	A ++			
Colour	Flat black / Flat blue			
Dimensions (L x W x H)	601 x 374 x 367 mm	714 x 449 x 446 mm	714 x 453 x 469 mm	714 x 453 x 524 mm
Item no.	71375	71371	71372	71373
Price	469,-	599.-	679.-	779.-
Thermal bag		713710	713720	713730
Price		49.90	54.99	59.90
Connection cable for UK		713711		
Price		6.70		

71375: 100-240V AC via external adapter. Available from March 2019.
Contents not included

High-power 38 litre absorber cooler with 12 V, 230 V or gas operation



- Compact cooler with practical recessed handles
- Standing height for 15x 1 litre bottles
- 2 D-rings for fastening tie-down straps
- Continuous flame adjustment in gas operation
- Continuous thermostatic adjustment in 230 V operation
- 12 V fan for better cooling in 12 V operation
- With integrated spirit level for optimal alignment



30 mbar connection 50 mbar connection

Connected loads: 12 volt, 7.5 A, 90 watt, 230 volt / 50 Hz, 0.35 A, 90 watt, gas operation 30 mbar and 50 mbar. Cooling capacity: 5 °C to 10 °C (20 °C to 25 °C below ambient temperature). Dimensions WxDxH: 500x470x440 mm. Weight: ca. 18 kg

30 mbar	713581	249.-
50 mbar	71358	249.-

Compact compressor coolers

VAN S



A++



L



A++



A++



VAN M



For VW T5/T6



For Fiat Ducato



For passenger compartment



VAN S 9 litre compressor cooler

- Fits between driver's seat and passenger seat in VW T5/T6
- With beverage holder, interior light and ice cube tray
- Carrying strap and 2 anchor points for fastening

Cooling capacity: -18 °C to 10 °C
Dimensions WxDxH: ca. 210x459x320 mm
Weight: ca. 8.5 kg. Connection: 12, 24 and 230 V, input current ca.35 watt

71354 409.-



VAN M 16 litre compressor cooler

- Fits between driver's seat and passenger seat in Fiat Ducato
- With inside light & ice cube tray
- Carrying strap included

Cooling capacity: -18 °C to 10 °C
Dimensions WxDxH: ca. 230x532x384 mm
Weight: ca. 10 kg. Power consumption: ca. 0.35 kWh - 0.53 kWh.
Connection: 12, 24 and 230 V.
Power consumption ca.40 watt

71355 469.-



L 33 litre compressor cooler

- Ideal for passenger compartments, awnings or rear garages
- Incl. ice cube tray

Cooling capacity: -18 °C to 10 °C
Dimensions WxDxH: ca. 379 x540 x455 mm
Weight: ca. 12 kg.
Connection: 12, 24 and 230 V.
Power consumption ca. 40 watt

71356 569.-

Compact built-in compressor refrigerators

with 40 l or 50 l volume and high-quality stainless steel enclosure

40L



Ca. 180 cm long connection between compressor unit and refrigerator.
(Only for 40L model)

50L

12 V



Contents not included



- Easy-to-operate LED display
- High-quality stainless steel enclosure
- Freezer compartment with ice cube maker

40 litre built-in refrigerator

With 34 l cooling compartment and 6 l freezer compartment. LED display with controls on front of door. **The 180 cm long connection tube allows offset installation of the compressor unit.**

Cooling capacity: Refrigerator 0 – 10 °C, freezer compartment max. – 12 °C.

Connection: 12 / 24 volt, power consumption ca. 45 watt, dimensions: W x H x D 380 x 510

(+30 mm feet) x 508 mm. Weight: ca. 15 kg

71357

759.–

NEW! 50 litre built-in refrigerator

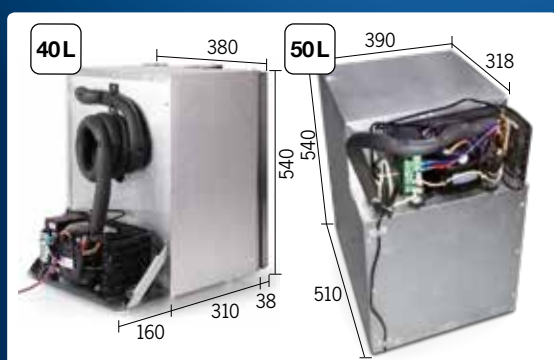
Features identical to 40 litre built-in refrigerator but with 44 l cooling compartment, 6 l freezer compartment and without offset compressor unit.

Dimensions: W x H x D 390 x 510 (+30 mm feet) x 510 mm.

Weight: ca. 17 kg

713570

789.–



Universal 12 V refrigerator fan

With thermostat and wall mount, 3.6 W with 3000 rpm.

Dimensions: 92 x 92 x 25 mm

81166

19.90



High-power 230 V heaters

230 V



① **Fan heater Pietro** with 2 power stages:
750 / 1500 W, 12 h timer and LED display. Automatic tip-over protection, temperature regulator and overheating protection.
Weight: 1.8 kg. Dimensions: W22xH29xD12 cm

811527 41.90

② **Fan heater Niilo**
1000 / 2000 W, 230 V. 2-stage regulation.
With overheating protection. Dimensions: H30xW20xD15 cm

811524 13.59

③ **Ceramic heater Ivalo with tip-over protection**
750 / 1500 W, 230 V, self-turning (oscillating). With overheating protection and automatic tip-over protection – power supply is shut off immediately if it tips over.
Dimensions: H26xW20xD13 cm

811522 29.90

④ **PTC ceramic heater 230 V**
• 2 power stages 750 W / 1500 W
• 2 functions: heat / ventilation
• Double overheating protection
• Quiet

2 power stages: 750 watt and 1500 watt. Can be switched between heating or ventilation as desired. Adjustable thermostat for temperature control and setting. Automatic shut-off if the heater tips over, to prevent danger of fire. Power indicator. Safe ceramic heating element. CE tested.
Approx. size: H22xW21.5xD22.3 cm.
Approx. weight: 2 kg **811525 33.99**

Portable gas continuous-flow heater

- Continuous warm water – wherever you go
- Hot water from the tap or shower head
- Continuously adjustable water temperature
- Strong water flow – ca. 2.7 litres per minute
- Automatic ignition
- Integrated safety function
- Robust carry bag included
- Heats water from 30 °C to 55 °C

Water flow temperature continuously adjustable from minimum temperature 30 °C, (5 litres per minute) to maximum temperature 55 °C (2.7 litres per minute).

Technical data: W 250xH 350xD 285 mm, weight 5.5 kg, automatic ignition, overheating protection (55 degrees), automatic shut-off if device tips over.

Scope of delivery: Carrying bag, water hose and pump, 12 volt adapter, shower head.

These units are not approved for use in closed rooms!

D, CH, A 50 mBar 67041 299.–



Can optionally be used only with spigot.
(5 litres/min. at 30°)



Water hose with submersible pump



12 volt adapter with ca. 5 m cable



Shower head with water stop button



Robust carrying bag



Lithium Power with 20Ah, 60Ah or 100ah and integrated battery management system



Lithium iron phosphate batteries (LiFePO4) with battery management function

- Super compact, very long life!
- Battery protection due to integrated battery management function
- Reliable and powerful battery technology, designed for continuous use!
- Up to 90 % current drain (short-term)
- 3 times less weight – allows additional payload
- 5 – 10 times longer life (ca. 2000 – 5000 cycles)
- 3 – 10 times faster charging
- Battery connection with screw terminals

Carbest LiFePO4 battery series

Lightweight, compact and safe lithium batteries with integrated battery management function. Ideal for leisure, hobby, RV and caravan. Charge with AGM – or preferably – lithium chargers.

Type	Volt (V)	Ah*	Length mm	Width mm	Height mm	Weight kg	Art. no.	Price
20	12	20	180	75	165	2.7	81207	279.–
60	12	60	195	165	180	7.2	81208	679.–
100	12	100	305	170	210	13	81209	1099.–

*90 % power availability

Powerful Deep-Cycle AGM batteries



- Installation in living spaces possible in accordance with EC regulations
- Absolutely maintenance-free and eco-friendly
- Long cycle life, ideal also for solar systems

Carbest AGM batteries were specially developed as service batteries for use in recreational vehicles. The ideal service battery for use in motor caravans and boats. The 100 T5 fits horizontally under the passenger seat of the Volkswagen T 5/6. The excellent life cycle* and the low self-discharge make it perfect for recreational use.

The compact design fits in standard battery devices and stowage compartments. AGM batteries are frostproof down to -40 °C. They can be installed either horizontally or vertically. (Do not install overhead, with the battery posts pointing downward). Not hazardous material, therefore approved for dispatch!

Type	Volt (V)	Ah* (100 h)	Ah** (20 h)	Length mm	Width mm	Height mm	Weight kg	Art. no.	Price
① 80 PL	12	90	80	350	167	179 °	22.5	850529	219.99
② 100 T5	12	110	100	353	175	190	26.3	850530	239.–
③ 100 PL	12	110	100	330	171	220 °	29.0	850531	249.99

*C100 (value at 100-hour discharge) **C20 (value at 20-hour discharge)

° plus height of the battery posts

Cara-Move – powerful manoeuvring system manual or fully automatic

- Sturdy aluminium drive rollers
- Soft-start precision control
- Compact, sturdy, reliable
- Convenient remote control



Cara-Move Titanium manual version

The manual caravan manoeuvring aid moves single- and double-axle caravans up to a maximum total weight of 2250 kg. Rollers are engaged and disengaged manually. Power consumption on level ground: ca. 25 A. Max. power consumption (1100 kg single-axle caravan, 25 % slope): 80 A, weight: 35 kg

Scope of delivery: 2 motors, dash panel, remote control, battery circuit-breaker (100 A), engaging lever, mounting material, user manual
920208 899.–



Cara-Move fully automatic version

The fully automatic caravan manoeuvring aid moves single- and double-axle caravans up to a maximum total weight of 2250 kg. Rollers are engaged and disengaged in a convenient, fully automatic process. Power consumption on level ground: ca. 25 A. Max. power consumption (1100 kg single-axle caravan, 25 % slope): 80 A, weight: 40 kg.

Scope of delivery: 2 motors, motor for engaging and disengaging, dash panel, mounting material, remote control, user manual, battery circuit-breaker (100 A)
920202 1349.–

Carbest all-inclusive battery bundle

The Carbest all-inclusive battery bundle is the perfect accessory for your manual or fully automatic Carbest Cara-Move manoeuvring system.

The set consists of: 1 charger (10 A), 1 AGM mains lead, 1 AGM battery 80 Ah, 1 battery box, 2 battery terminals.

Total weight ca. 25.5 kg.
9202022 349.–



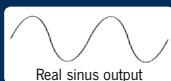
Operate 230 Volt devices on 12 Volt inverters with sinusoidal voltage

- Use of many household appliances
- USB connection 5V ~ 2.1A
- Battery protection due to undervoltage / overvoltage shutdown
- Reverse polarity protected, overload protection
- overtemperature cut-off (> 75 ° C)
- CE and e-mark certified for installation in vehicles



Illustration	①	②	③	④
Type	Power Inverter 200 W	Power Inverter 400 W	Power Inverter 600 W	Power Inverter 1000 W
Input voltage DC	12V	12V	12V	12V
Input voltage range	10,5V-16V	10,5V-16V	10,5V-16V	10,5V-16V
Continuous power	200 W	400 W	600 W	1000 W
Temporary peak power	400 W	800 W	1200 W	2000 W
Output Voltage (±5%)	220 - 240 V	220 - 240 V	220 - 240 V	220 - 240 V
Shut-off threshold / undervolt	10,0±0,5V	10,0±0,5V	10,0±0,5V	10,0±0,5V
Steady current	<0,17 A	<0,21 A	<0,3 A	<0,33 A
Efficiency	>90%	>90%	>90%	>90%
Cooling	ventilator	ventilator	ventilator	ventilator
Fuses	ja	ja	ja	ja
Connection for remote control	nein	nein	nein	nein
USB 5 V ~ 2,1 A	ja	ja	ja	ja
Socket	1	1	1	1
Dimensions (WxHxD) mm	120x100x50	120x100x50	150x100x50	210x150x70
Weight	ca. 0,6 kg	ca. 0,7 kg	ca. 1 kg	ca. 2 kg
Art. no.	82291	82292	82293	82294
Price	39,99	59,99	79,99	129,-

Converter with sine-wave voltage for sensitive 230 V devices



12 V 230V



Watch video



Tested with Dometic FreshJet 2200 air conditioner



Tested with Nespresso® capsule machine



Watch video

- Extremely high starting current, up to 3x higher power
- Convert 12 volt battery current to 230 volt
- No restrictions of use, suitable for measuring computers or microwave ovens
- Switch-mode technology:
Very quiet – lightweight & compact
- Undervoltage circuit breaker protects battery
- Excess temperature circuit breaker (ca. 60 °C)
- Reverse polarity protection, overload protection
- Approved for installation in motor vehicles (e-mark* & CE certified)
- 12 V connecting cable, 2 m (except PS300U) included

Suitable cable remote controls

For ① with 4.5 m cable

81949 24.90

For ② ③ ④ ⑤ ⑥ with 5 m cable

81948 24.90



Illustration	①	②	③	④	⑤	⑥
Type	PS300U	PS700U	PS1000U	PS1500U*	PS2000U	PS3000U
Input voltage DC	12 V	12 V	12 V	12V	12 V	12 V
Continuous power	300 W	700 W	1,000 W	230 V	2,000 W	3,000 W
Rated power	300 W	700 W	1,000 W	1.500 W	2,000 W	3,000 W
Peak power, temp.	600 W	2,100 W	3,000 W	1.500 W	6,000 W	9,000 W
Output voltage (± 5 %)	230 V	230 V	230 V	4.500 W	230 V	230 V
Shut-off threshold / undervolt.	10.0 ± 0.5 V		10.0 ± 0.5 V	10.0 ± 0.5 V	10.0 ± 0.5 V	10.0 ± 0.5 V
Steady current	< 1 A		< 2 A	≤ 0,5 A	< 2.2 A	< 2.5 A
Efficiency	> 90 %		> 90 %	≥ 90 %	> 90 %	> 90 %
Connection for remote control	yes	yes	yes	yes	yes	yes
USB connection / ampere	yes	yes / 2.1 A	yes / 1 A	yes / 2,1 A	yes / 1 A	yes / 1 A
Socket	1	1	1	2 (1x Schuko, 1x Universal)*		
Connecting cable included	no	2 m, 16 mm²	2 m, 25 mm²	2 m, 50 mm²	2 m, 50 mm²	2 m, 50 mm²
Dimensions (WxHxD) mm	260x150x58	255x186x90	317x186x90	320x152x105	320x152x105	475x251x105
Weight	1.6 kg	2.0 kg	3.0 kg	4,7 kg	4.8 kg	6.5 kg
Art. no.	82281	82285	82282	82286	82283	82284
Price	119.–	209.–	349.–	529.–	649.–	849.–

*Output sockets not for simultaneous operation!

Sine-wave inverter with integrated mains priority circuit

Integrated 230 Volt mains priority circuit:
Once 230 Volt shore power (e.g. at the campsite) is available, the inverter operation is interrupted automatically.

The inverter operation is resumed immediately as soon as land power is no longer available.



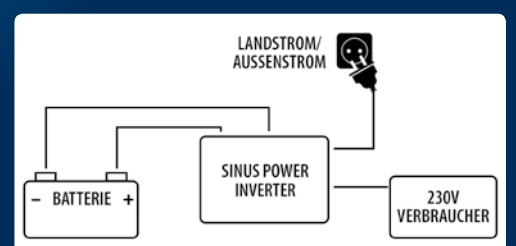
See Video

Illustration	①	②	③
Type	Sinus Power Inverter 1000 W*	Sinus Power Inverter 1500 W*	Sinus Power Inverter 2000 W*
Input voltage DC	12 V	12 V	12 V
Output Voltage (±5%)	230 V	230 V	230 V
Continuous power	1000 W	1500 W	2000 W
Rated power	1000 W	1500 W	2000 W
Temporary peak power	2000 W	3000 W	4000 W
Shut-off threshold / undervolt	10,5±0,5V	DC 10,5±0,5V	DC 10,5±0,5V
Steady current	≤0,45A	≤0,75 A	≤0,75 A
Efficiency	>90%	>90%	>90%
Cooling	≤ 8 ms	≤ 10 ms	≤ 10 ms
Connection for remote control	no	no	no
Socket	1x Schuko, 1x Universal	1x Schuko, 1x Universal	1x Schuko, 1x Universal
USB 5 V ~ 2,1 A	2 m, 25 mm²	2 m, 50 mm²	2 m, 50 mm²
Charger	10 A	15 A	15 A
Dimensions (WxHxD) mm	330 x 230 x 100 mm	400 x 230 x 110 mm	400 x 230 x 110 mm
Weight	ca. 3,6 kg	ca. 5,3 kg	ca. 5,7 kg
Art. no.	82277	82278	82279
Price	389,-	589,-	659,-

*Output sockets not for simultaneous operation!



- Conversion from 12 V into 230 V sinusoidal voltage
- Integrated 3-stage battery charger (10A or 15A) for gel and AGM batteries
- Battery protection due to undervoltage shutdown
- Reverse polarity protected, overload protection
- Temperature-controlled fan, fully automatic connection
- Aluminum housing, light and stable
- Including 2 m connection cable
- Approval for installation in vehicles





Professional charging technology

Suitable for LiFePO4 batteries

20A

10A



3-stage battery charger 10 A and 20 A

Selectable battery type, also suitable for LiFePO4 batteries, incl. connection cable and battery terminals,

10A L 130x150x50 mm, weight ca. 1.4 kg 80280 84.99

20A L 160xW 150xH 70 mm, weight ca. 2 kg 80281 107.99



Suitable for
LiFePO4 batteries

Intelligent 6/12 V battery charger with LCD display

- Diagnostic and regeneration function
- For all 6/12 V batteries (AGM, gel, wet cell)
- Microprocessor, 5-stage charging program
- Controlled trickle charge

4.0 ampere charging capacity. Technical data: Protection type IP65, Battery capacity: max. 120 Ah. Input voltage: 220 – 240 V AC / 50 Hz, max. 70 W. Output voltage: max. 14.7 VDC / 4.0 A. Dimensions: (LxWxH) 18x8x5 cm. Weight: 0.5 kg. 819010 35.99



Smart Charger Ultra 20 A

- For gel, AGM, LiFePo4 (Li-high / normal), Calcium and lead acid batteries
- Connection for CBE control panel 200
- Temperature-controlled fan
- Overload / underload, short-circuit and overheating protection
- Sturdy aluminium housing with good heat dissipation
- DIP switch for setting the battery type
- IUoU charge characteristic for optimal battery charging

Max. charging capacity 12 volt / 20 A, charge outputs / characteristic curve: 1 / IUoU + panel connection, recommended battery capacity 40 – 200 Ah, fan cooling: Temperature-controlled fan, Bulk (end-point voltage) 14.2 / 14.6 / 14.9 / 15.0 V DC, Float (conservation) 13.2 / 13.5 / 13.8 / 14.6 V DC, input voltage 50/60 Hz: 120 to 230 V AC +/- 15% 50/60 Hz, output short-circuit proof, LED power indicator, operating temperature – 40 to + 50 °C, L 298xH 120x W 96 mm, weight 1.5 kg 800801 199.–

Temperature sensor opt. for Smart Charger Ultra (similar to illustration) Includes 1 m connection cable 800802 15.90

Intelligent battery charger with 4-stage switch-mode technology

- Electronic, battery-saving charging
- Selectable battery type (gel, acid, AGM)
- Short circuit proof charge outputs
- Reverse polarity protected charge outputs
- Overcharge protection
- Aluminium enclosure for optimal heat dissipation
- Perfect charging characteristic for Reimo GreenPower AGM batteries



Van
TIPP

Overcharge protection included. The SMART Charger can charge your battery faster than many other conventional chargers. The compact design facilitates installation in RVs, caravans and boats. It can be used for charging acid, gel or AGM batteries. Built-in LEDs indicate the different functions. Connecting the optional panel makes it possible to check the charge state at any time, in case of concealed installation.

Model type	BC-1210SCT	BC-1215SCT	BC-1220SCT	BC-1225SCT	BC-1230SCT	BC-1240SCT
Charge power, max.	10 A	15 A	20 A	25 A	30 A	40 A
Independent charge outputs	1*	1*	2	2	2	2
Recommended battery capacity	20 – 100 Ah	30 – 150 Ah	40 – 200 Ah	50 – 250 Ah	60 – 300 Ah	80 – 400 Ah
Recommended cable diameter	2.5 mm ²	4 mm ²	4 mm ²	4 mm ²	4 mm ²	6 mm ²
Fan cooling	No fan		Temperature-controlled fan			
Bulk (end-point voltage)			14.2 / 14.6 / 14.8 V DC			
Float (conservation)			13.2 / 13.5 / 13.8 V DC			
Input voltage 50/60 Hz			230 V AC +/- 5% 50 Hz / 60 Hz			
Output short-circuit proof	yes	yes	yes	yes	yes	yes
LED display	Green: power indicator, green: float, yellow: absorption: red: bulk charging					
Operating temperature	0 – 40 °C					
Dimensions (mm)	210x145x80	210x145x80	240x145x80	240x145x80	290x145x80	320x145x80
Weight (g)	1034	1067	1275	1315	1686	1888
Art. no.:	80293	80294	80295	80296	80297	80298
Price	139.–	179.–	209.–	239.–	299.–	329.–

*1 parallel charge output for 2 batteries of the same type, age and capacity (e.g. identical on-board batteries), not for simultaneous charging of on-board and started battery.

CEE plug and cable for professional use



CEE angle plug

For no-kink connection to the power column or electrical outlet

820302 5.99



CEE connector

Suitable for connection to CEE input sockets

82032 4.56



CEE plug

Suitable for CEE connection socket on campgrounds and CEE sockets

82031 4.05



CEE/Schuko adapter

CEE connector with cover

82007 9.49



CEE angle connector

CEE 17 European connector with integrated Schuko socket and hinged cover, suitable for CEE input sockets

82030 7.79



Plug for Switzerland

to CEE connector, 10 A, H=7RN-F cable 3x2.5 mm²

0.4 m 821541 24.99
1.5 m 821544 25.99



CEE plug

to socket Switzerland, H=7RN-F cable 3x2.5 mm²

0.4 m 821542 23.99
1.5 m 821545 17.99



Plug for GB

to CEE connector, H=7RN-F cable 3x2.5 mm². Ca. 20 A

0.4 m 821543 8.99
1.5 m 821546 9.99



2-way distributor

CEE plug/ 2-way CEE distributor socket with hinged cover

82301 13.99



Schuko/CEE adapter

CEE plug/ Schuko connector with cover

82044 16.99



CEE surface-mounting input socket

Ideal for concealed installation under the hood (e.g. in T5) with cover, 3-terminal 230 V/ 16 A

82008 8.99



CEE socket

for permanent installation. With hinged cover, plastic. For power supply on campgrounds or in garages, carports etc.

82091 8.79



CEE safe box

Protects contents from moisture. With lock, L 365 mm, Ø 100 mm

820432 9.79



Schuko/angle adapter

Schuko plug/ CEE angle connector with additional Schuko socket. Prevents kinking of the cable. H07 RN-F 3x2.5 mm².

1.5 m 82020 14.99
25 m 820201 69.99
H07 RN-F 3x1.5 mm² (for export only) 82025 12.99



CEE/Schuko adapter

CEE plug/ Schuko rubber connector H07RN-F 3x2.5 mm² incl. carrying case

1.5 m 82022 12.40
0.4 m 820221 9.99
H07 RN-F 3x1.5 mm². 0.4 m (for export only) 820261 8.99



Schuko/CEE adapter

Schuko plug/ CEE connector H07RN-F 3x2.5 mm², incl. carrying case

0.4 m* 820211 12.99
1.5 m 82021 14.99
4.0 m* 820212 19.99
25 m* 820213 57.99
5H07 RN-F 3 x 1.5 mm² (only Export) 0.4m 8202110 9.12

*also suitable for France

Cables with a size of 3 x 1.5 mm² are not approved for outdoor use in Germany!

Professional CEE cable drum for numerous applications

① **CEE cable drum** 3-terminal CEE plug (on the drum) and CEE connector (on short end). Campground approval up to 25 m. 16 A, H07 RN-F 3x2.5 mm². 25 m **820481 77.99**

② **CEE cable drum** H07 RN-F 3x2.5 mm². 2 Schuko/ 1 CEE socket, thermal protection switch. 25 m **82027 91.60**

③ **CEE cable drum** 3-terminal CEE plug (on the drum) and CEE right-angled socket and Schuko socket (on short end). Campground approval up to 25 m. 16 A, H07 RN-F 3x2.5 mm². 25 m **820483 84.99**

Our accessory recommendation:

Cable transport bag **820292**
Cable tie with handle **820091**
Manual cable drum **82009**
(See page 38)



CEE extension cable

Neoprene rubber cable. Transport bag included. Suitable for outdoor use. Carrying bag included

H07RN-F, 3x2.5 mm²

10 m **82018 24.99**

25 m **820181 62.99**

H07RN-F, 3x1.5 mm²

(for export only)

10 m **82024 23.99**

25 m **820242 51.99**

40 m (without bag)

820244 74.90



CEE plug / angle connector

With additional Schuko socket, 3x2.5 mm²

1.5 m **82036 19.99**

15 m **820362 49.99**

25 m **820361 69.99**

With additional Schuko socket.

3x1.5 mm² (for export only)

20 m **82204 39.99**

30 m **822041 49.90**



USB connection cable

CEE plug / connector, 3x2.5 mm², length: 1.5 m.

82035 14.99



3-way power strip

With three Schuko sockets and hinged covers, 10 m connection lead + CEE plug, 25 A automatic cut-out. In plastic housing with mount for hanging.

2 terminals Ø21 mm for clipping to tent pole.

3x1.5 mm² (for export only)

10 m **82210 59.99**



3-way power strip

With three Schuko sockets and hinged covers, 10 m connection lead with CEE plug. Plastic housing. H07 RN-F 3x2.5 mm².

10 m **82208 39.99**

Like 82208 but with 3x1.5 mm²

(for export only)

1.5 m **82209 17.99**

5 m **822091 19.99**

Cables with a size of 3 x 1.5 mm² are not approved for outdoor use in Germany!

Professional Schuko 230 volt accessories



Plug / connector

① Schuko rubber connector
self-service pack.

82033 2.99

② Schuko rubber connector
Self-service package.

82034 4.29



1.5 m cable

Schuko distributor

**Extension distributor
Schuko / Schuko**

Schuko plug to double Schuko socket.
With 1.5 m cable and 2 caps.
H07 RN-F 3x2.5 mm².

82006 8.99



Cable drum with 4 sockets

Rubber cable with Schuko plug and
4 Schuko sockets with cover.
For indoor use. Self-service package,
splash-proof. H05 RR-F 3x1.5 mm²
(for export only)

25 m **820451 37.99**



Cable drum with 4 sockets

Rubber cable with Schuko plug
and 4 Schuko sockets with cover.
For indoor use. Self-service package,
splash-proof. H05 RR-F 3x1.5 mm²
(for export only)

7.5 m **82153 17.99**



Power strip

Schuko plug to Schuko power strip
with hinged caps. For indoor use.
With 2.5 m cable, H05 RR-F 3x
1.5 mm².

5-way 82151 14.99
4-way 82152 13.99



Schuko extension cord

Length: 5 or 10 m, with Schuko plug
and Schuko connector, neoprene
rubber cable. For outdoor use.
H07 RN-F 3x2.5 mm²

5 m 820191 15.99
10 m 82019 27.99



Schuko safe box

Protects contents from moisture.
– reusable. Suitable for 25 m cable
Box without lock, L 210xØ 70 mm.

820431 3.99



Schuko adapter with USB

Schuko socket adapter with 2x USB
charge ports, input: AC85–265V
50/60 Hz, output: DC5V–2.1 A (max.)

82302 7.99



Manual cable drum

for rolling up and extension cable with
a max. length of 35 m, cable 2.5 mm²

82009 9.99



Cable transport bag

For convenient cable transport.
Suitable for manual cable drum
(art. no.: 82009). Size: Ø 40 cm,
width: 14 cm.

820292 9.99.



Cable tie with handle

For bundling, carrying and stowing
– reusable. Suitable for 25 m cable
(H07 RN-F 3G 2.5) or for 40 m cable
(H07 RN-F 3G 1.5).

820091 4.99



Schuko distributor plug

① **2-way socket**
with hinged caps

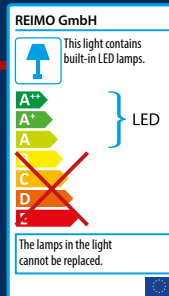
82201 5.99

② **3-way socket with 1.5m cable**
With hinged caps.
H07 RN-F 3x2.5 mm².

82202 10.99

Cables with a size of 3x1.5 mm² are not approved for outdoor use in Germany!

12 V SMD LED technology



Valid for all lights on this page.

A++

Flat panel S, M, L

① Type S, 6xSMD, 1.5 watt, 120 lm, angle 120°, Ø26x8 mm, socket G4, pins on back. **830323 5.90**

② Type M, 12xSMD, 2 watt, 170 lm, angle 120°, Ø30x8 mm, socket G4, pins on back. **830324 5.90**

③ Type L, 15xSMD, 3 watt, 200 lm, angle 120°, Ø35x8 mm, socket G4, pins on back. **830325 5.90**

④ Type S, 9xSMD, 1.5 watt, 120 lm, angle 120°, Ø25x8 mm, socket G4. **8303260 5.90**

Pin base LEDs

① 4xSMD, 1.5 watt, 60 lm, angle 120°, socket G4, Ø11.2xH23.5 mm. **830320 5.49**

② 6xSMD, 1.2 watt, 90 lm, angle 120°, B 18xH27.5 mm, socket G4. **830321 5.90**

③ 15xSMD, 1 watt, 82 lm, angle 300°, Ø12xH22 mm, socket G4. **830322 4.90**

A++

Flat panel S, M, L

① Type S, 9xSMD, 1.5 watt, 120 lm, angle 120°, Ø25x8 mm, socket G4. Terminals on side. **830326 5.90**

② Type M, 9xSMD, 1.5 watt, 150 lm, angle 120°, Ø27x8 mm, socket G4. Terminals on side. **830327 6.90**

③ Type L, 2xSMD, 3.0 watt, 270 lm, angle 120°, Ø35x8 mm, socket G4. Terminals on side. **830328 6.90**

A++

LED tubular lamps

① 3xSMD, 0.60 watt, 48 lm, angle 120°, Ø36x9.8 mm, socket SV8.5. **830333 4.90**

② 6xSMD, 1.2 watt, 87 lm, angle 120°, Ø37x10 mm, socket SV8.5. **830334 5.99**

③ 6xSMD, 1.5 watt, 110 lm, angle 120°, Ø36x16 mm, socket SV8.5. **830335 7.99**

A++

LED BA9S

0.89 watt, 31 lm, angle 180°. Socket BA9S. **830371 8.90**

A++

LED lamp BA15S

Material: glass, 16xSMD, 0.7 watt, 60 lm, angle 300°, Ø51x25 mm, socket BA15S. **830911 6.90**

A++

LED lamp BA15S

Material: glass, 16xSMD, 0.7 watt, 60 lm, angle 120°, Ø48.5x24.5 mm, socket BA15S. **830338 7.99**

A++

LED lamp BA15S

Material: aluminium, 18xSMD, 2.5 watt, 220 lm, angle 120°, Ø22x54 mm, socket BA15S. **830339 7.90**

12 V COB LED technology of the latest generation

A++

12V G4-COB-bulb

- Socket G4
- 3000 Kelvin

① 1 x COB-LED, 12V, silicon, 90-100 lm, not dimmable, IP20, angle 220°, Ø10 x 22 mm. **1.5 Watt 830329 6,99**

② 2 x COB-LED, 12V, 120 lm, not dimmable, IP20, angle 360°, Dimensions: Ø10 x 40 mm. **1.5 Watt 830330 5,99**

③ 1 x COB-LED, 12V, silicon, 200 lm, not dimmable, IP20, angle 360°, Ø10 x 30 mm. **2 Watt 830331 8,90**

④ 5 x COB-LED, 12V, COB-bulb, aluminium, 400 lm, not dimmable, IP20, angle 120°, Dimensions: W15,3 x H33 mm. **5 Watt 830332 8,90**

LED cold-mirror-reflector

- Intended for the use in motorhomes
- Up to 90% energy savings compared to bulbs
- Resistant against voltage peaks (10-30 volts)
- Up to 5 times durability compared to bulbs (25000 hrs.)

A++

12V

① **MR 11** - 9xSMD, 1,5 Watt, 120 lm, Alu, angle 120°, Ø34,5xH39 mm, socket GU4 **830336 7,50**

② **MR 16** - 4xSMD, 5 Watt, 240 lm, Alu, angle 120°, Ø50xH54 mm, socket GU5.3 **830337 8,90**

Powerful COB LED lights



NEW



Ambiance-LED-Light with Bluetooth Speaker

Cosy LED-Light with flame effect. 2000mAh Li-Polymer battery pack. Power 5V/1A, 5W. Chargeable with Micro-USB. Material: ABS.

Dimension: Ø98xH165 mm

83184

39,99



① Solar / 230 V / 12 V small camping light

Battery-powered LED tent lantern with integr. solar panel. Charge via solar, 230 V or 12 V adapter. With 5 V / 1 A USB port for charging mobile phones and other devices. 500 lumens. 4,000 mAh battery for very long charge life. 3 brightness settings: very bright (ca. 4 h) and flashing mode (ca. 8 h). Dimensions: D: 82xW: 82xH: 182 mm.

834871

44.90

② Battery-operated camping light

Powerful 3 W COB camping light (500 lumens), battery-operated (3x D batteries not included), dimensions: 82x82x182 mm, weight: ca. 394 g, battery charge life: ca. 4 h.

834872

26.90

③ COB multi-function pen light

Battery operated (3x AAA). Ear piece clip, ultra-bright LED, with loop

83528

7.99



15W POWER
450/1200 LUMEN
COB LED
4000 mAh

SMD LED
30 LUMEN
COB LED
120 LUMEN
3W POWER
CLIP FUNCTION
3x AAA BATTERIES



Rechargeable COB multi-function spotlight

4,000 mAh 15 W battery, robust aluminium housing and adjustable base. Luminosity: ca. 800 lumens (stage 1), ca. 450 lumens (stage 2), scope of delivery: radiator with base, 12 V + 230 V charging cable, charge time: ca. 6 h, battery life: ca. 1.5 h (level 1), 5 h (level 2)

83492

49.95

COB clip-on light

3 W COB + 1 SMD LED, 120 lumens + 30 lumens, 3xAAA batteries (not included), 2 strong magnets on back, clip-on function, with joint for optimal adjustment

83490

9.90



3x AAA BATTERIES

COB head torch with touch function

Very luminous with 200 lumens, 3 W, 3x AAA batteries (not included), adjustable headband and touch switch

83491

6.70



3x AAA BATTERIES

COB torch and workshop light

Very bright COB light for many different uses. Very strong magnets on back. For use on metal surfaces. Rotates 360°.

With spring hook. 150 lumens. 3x AAA batteries (not included).

83488

7.90

LED flex strips with warm white light

- Atmospheric lighting for indoors / outdoors
- All LED flex strips are dimmable
- Self-adhesive, can be shortened after ever 3rd or 6th LED

12 V LED Topview flex strip for indoor & outdoor use
30 LEDs/m, 2.4 W/m, 195 lumens/m, 3,000 K, IP66,
warm white, 5 m roll, strip width: 7 mm

83174 22.90

12 V LED Topview flex strip for indoor & outdoor use
60LEDs/m, 4.8 W/m, 390 lumens/m, 3,000 K, IP67,
warm white, 5 m roll, strip width: 7 mm

83171 39.90

12 V LED Topview flex strip for indoor & outdoor use
120 LEDs/m, 9.6 W/m, 780 lumens/m, 3,000 K, IP67,
ideal as awning lighting, incl. 1 m connection cable (waterproof),
warm white, 5 m roll, strip width: 10 mm

83170 64.90

12 V LED Topview flex strip for indoor use
60 LEDs/m, 4.8 W/m, 390 lumens/m, 3,000 K, IP20,
warm white, 5 m roll, strip width: 5 mm

83172 32.95

12 V LED Sideview flex strip with sideways illumination
60 LEDs/m, 7.2 W/m, 660 lumens/m, 3,000 K, IP67,
warm white, 5 m roll, strip width: 10 mm

83173 69.99



Illustration Flex stripe Sideview 83173



Illustration Flex stripe Topview

LED flex strips with RGB or blue light

12 V LED flex strip RGB and warm white in one
72 LEDs/m, can be shortened after every 6th LED, 10.8 W/m (all
LEDs incl. warm white), 2.2 W/m (only warm white LEDs), 280
lumens/m (only warm white LEDs), 72 lumens/m (only red), 138 lu-
mens/m (only green), 35 lumens/m (only blue), warm white 3,000
K, 5 m roll, strip width: 10 mm. dimmable **83175 69.99**

Control unit with remote control

Especially for RGBW LED flex strip 83175. For controlling
light effects and colour. **83179 22.90**

RGB control unit with remote control

Especially for RGBW LED flex strip 831008. For controlling
light effects and colour. **831009 11.20**

12 V LED Blue flex strip for indoor & outdoor use

60 LEDs/m, 4.8 W/m, 40 – 45 lumens/m, IP68, 5 m roll,
strip width: 8 mm, incl. 10 mounting clips and 20 end caps
831007 49.99



Illustration of Flex stripe w. LEDs in
RGB and warm white (83175)



illustration of light stripe 831007



Illustration of light stripe 831008



RGB control unit &
remote control (831009)

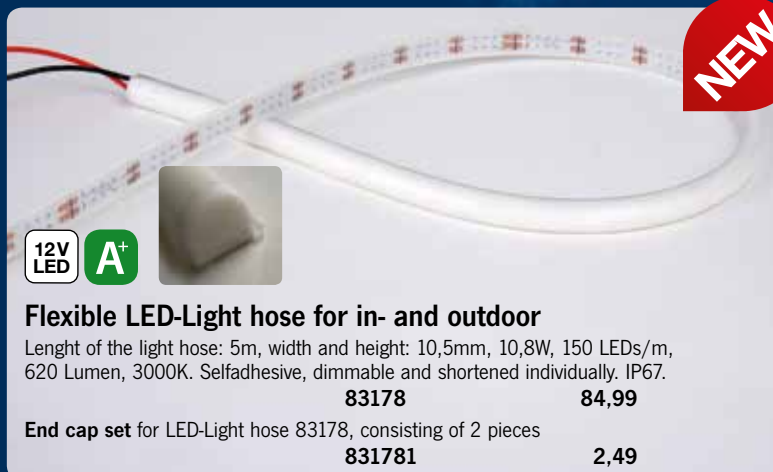


RGBW control unit &
remote control (83179)



12 volt dimmer with remote control

For single-colour LED strips or dimmable lights for controlling the
brightness via remote control. Ideal for retrofitting of awning lights,
since no additional switch must be installed. Functions: brighter/
darker, On/Off. Up to max. 96 watts, steady current ca. 30 mA.
Dimensions: L 90xW 60xH 37 mm. **831003 19.95**



12V
LED

A⁺

Flexible LED-Light hose for in- and outdoor

Length of the light hose: 5m, width and height: 10,5mm, 10,8W, 150 LEDs/m,
620 Lumen, 3000K. Selfadhesive, dimmable and shortened individually. IP67.

83178

84,99

End cap set for LED-Light hose 83178, consisting of 2 pieces

831781

2,49

Stylish Carbest aluminium profiles for all LED flex strips with a width of 10 mm

- Custom light design for ambient lighting
- Suitable for Carbest LED flex strips with a width of 10 mm
- Profile length: 1.5 m
- Perfect combination of furniture panels and furniture elements

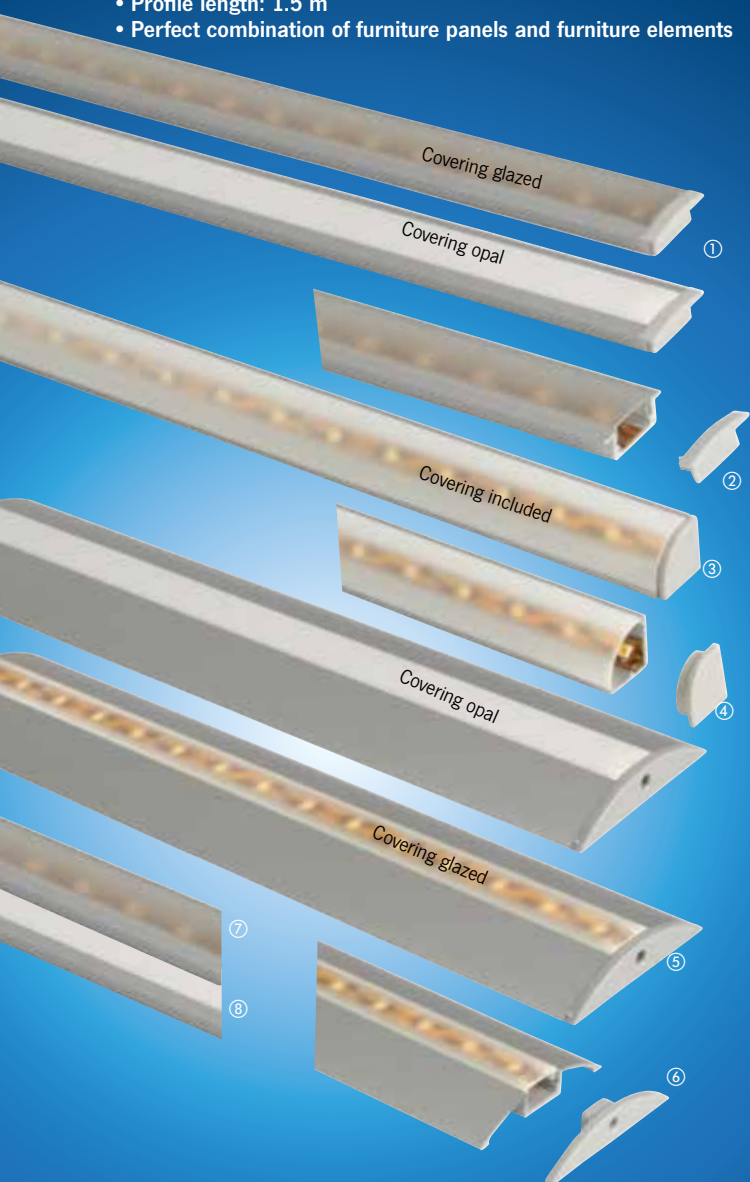


Example of use

These aluminium profiles provide a professional solution for the installation of LED strips. With the profiles and the LED strips on the left side you can easily create your own light designs. The profiles are ideal for use in building furniture, for example to cover the transition between different wood panels or to provide stylish lighting. You can create custom lighting for perfect integration in the furniture. For example, corners and areas under cabinets and shelves can be accented with light effects. For light scattering you have the choice between the semi-transparent glazed covering or the opal version, which appears white. Each set includes 2 end caps, and you can add more caps as desired. Strip width: 10 mm.

All aluminium profiles are delivered WITHOUT LED flex strips.

- | | | |
|--|---------------|--------------|
| ① Set, flat aluminium profile, 2 end caps included.
For surface mounting or recessed mounting in a groove.
Length: 1.5 m | 82999 | 9.99 |
| ② End caps (2 pieces) for 82999 | 82980 | 0.69 |
| ③ Set, angled aluminium profile, 2 end caps included.
For mounting in corners and under cabinets. Length: 1.5 m. | 829991 | 15.99 |
| ④ End caps (2 pieces) for 829991 | 82981 | 2.- |
| Mounting clips (2 pieces) for 829991 (not shown) | 829810 | 2.- |
| ⑤ Set, semi-round aluminium profile, 2 end caps included.
For screwing on and covering transitions of furniture panels, for example. Length: 1.5 m. | 829992 | 15.99 |
| ⑥ End caps (2 pieces) for 829992 | 82982 | 2.- |
| ⑦ Cover for 82999 / 829992 glazed (semi-transparent).
Length: 1.5 m. | 82983 | 6.79 |
| ⑧ Cover for 82999 / 829992 opal (white).
Length: 1.5 m. | 82984 | 6.79 |



LED awning lights



For Van

12/24V, colour: black, lenght: 231 mm, IP67, 3000K, 4,5W, 9 SMD LEDs, 530 Lumen, housing of ABS. **833771** **21.90**



For motorhome

12/24V, colour: white, lenght: 480 mm, IP67, 3000K, 3,6W, 18 SMD LEDs, 340 Lumen, housing of ABS. **83377** **27.99**



Solar-light chain

- Atmospheric party light chain with 10 LED-Lampions

With solar panel (2V, 10mA) and rechargeable battery. Burning period appr. 8 hours, cable lenght 4 meter. **83183** **8.99**

LED-Line light

12V
LED

12V
24V

① LED line loght 200 mm with touch-control

Noble look through aluminium housing. 12V, 3,3W, 18 LEDs, 185 Lumen, 3.000K, with touch-control. Hole distance: 8 cm. Dimensions: L200xB30xH10 mm.

83671 16,90

② LED line light 400 mm with touch control

Noble look through aluminium housing. 12V, 5W, 27 LEDs, 360 Lumen, 3.000K, with touch-control. Dimmable. Lenght: 40 cm.

83674 20,90

③ LED-Linienleuchte 600 mm mit Touch-Schalter

Noble look through aluminium housing. 12V, 7W, 42 LEDs, 470 Lumen, 3.000K, with touch-control. Dimmable. Lenght: 60 cm.

83675 27,90

④ LED line light Mini

Noble look through aluminium housing. 12V, 3,6W, 18 LEDs, 126 Lumen, 3.000K, with on and off switch. Plastic end caps. Dimensions: L347xW16xH21 mm.

835571 30,99

⑤ LED line light 470 mm

Noble look through aluminium housing. 12V, 4,8 W, 24 LEDs, 168 Lumen, 3.000K, with on and off switch. Dim.: L470xW35xD31.

835541 44,90

⑥ LED line light 225 mm

Noble look through aluminium housing. 12/24V, 2W, 10 LEDs, 180 Lumen, 3000K, with on and off switch. IP65. Lenght: 225 mm.

83241 17,90

⑦ LED line light 470 mm

Noble look through aluminium housing. 12/24V, 6W, 30 LEDs, 520 Lumen, 3000K, with on and off switch. IP65. Lenght: 470 mm.

83242 37,90

⑧ LED line light 266 mm

Noble look through aluminium housing. 12/24V, 3,6W, 18 LEDs, 340 Lumen, 3000K, with on/off switch. IP65. Lenght: 266 mm.

83243 18,90

⑨ LED line light 468 mm

Noble look through aluminium housing. 12/24V, 7,2W, 36 LEDs, 570 Lumen, 3000K, with on/off switch. IP65. Lenght: 468 mm

83244 33,90

⑩ LED line light 403 mm

Noble look through aluminium housing. 12V, 5,0W, 21 LEDs, 400 Lumen, 3000K, Radiation angle 140°. Lenght: 403 mm

830340 29,99

⑪ LED line light 368 mm

12V, 4W, 72 LEDs, 432 Lumen, 3000K, with on/off switch. Lenght: 368 mm.

83992 42,90



LED Light system for free combination

① LED aluminium line light 49 LEDs, 5 Watt, 480 Lumen. Light can be set up in an angle of 45° + 90°. Concatenation of several lights possible. Alu white matte, with connection cable, lenght 300 mm.

83504 29,90

② Main switch

83498 6,90

③ Junction box

83499 3,29

④ Connection part (for concatenation of lights)

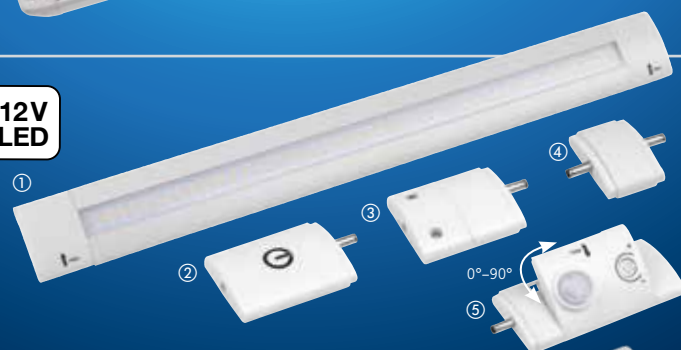
83497 1,29

⑤ Motion detector

Mountable in an angle of 0° bis 90°

83500 15,90

12V
LED



LED building light

- Several lights coupled
- Extreme flat aluminium
- Diffusing disc for gare light
- W90xH 15 mm, in 3 lenghts available

Aluminium with silver grey end caps.

Embossed plastic-glass.

Can be coupled as required. End caps need to be replaced to a couple piece .



Several lenghts possible

Lenght: 200 mm, 3W, 288 Lumen

83539 36,90

Lenght: 300 mm, 6W, 570 Lumen

83546 59,90

Lenght: 400 mm, 8,6W, 864 Lumen

83540 79,90

LED building lights

- Shapely housing of aluminium
- Frosted glass

Noble look through aluminium housing 12/24V, with on/off switch 3000K, IP65.

Lenght: 170mm, 18 LEDs, 3,6W, 310 Lumen

83245 16,90

Lenght: 370mm, 54 LEDs, 10,8W, 864 Lumen

83246 39,99

12 V LED area lights for walls and ceilings



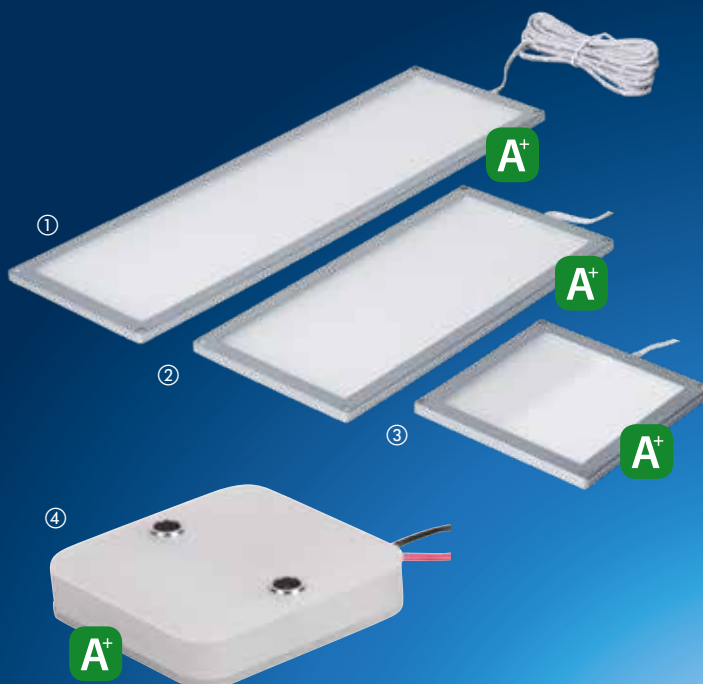
Super flat LED panel

- Only 5 mm thick – super flat
- Stylish silver coloured frame
- Warm white light with 3,000 K
- Energy efficiency A+

① 12 V/9 W 100x300 mm	833692	38.99
② 12 V/6 W 100x200 mm	833691	33.99
③ 12 V/3 W 100x100 mm	83369	21.99

④ LED area light for walls and ceilings
Plastic, white, 12 V, 5 watt, 350 lm, 33 SMD LEDs.
Colour temperature 3,000 K, angle of radiation 180°.

70x70x14.5 mm	830341	17.99
130x130x14.5 mm	830342	26.99



12 V LED with night light function

- With blue night light
- Warm white and blue LEDs
- LED with touch switch and switchable blue night light
- Energy efficiency A+

① 36 warmwhite und 12 blue LEDs. Plastic, chrome and silver coloured.
12 V/5.5 W, 3,200 K, 550 lm, radiation angle 120°.
Dimensions: Ø 129 mm, H 9 mm

83572 47,99

② 36 warmwhite und 12 blue LEDs. With touch switch and switchable night light. Plastic, chrome and white. 12 V/5.5 W, 3,200 K, 550 lm, radiation angle 120°, dimensions: 129x129x9 mm

83573 49,99

③ 84 white and 12 blue Led's. With touch control (On/White/Blue/Off) Plastic, silver. 12V/6,72 W, 234 lm.
Dimensions: L 185x B 111 x H 12 mm.

835492 54,99

④ 36 white and blue 6 LEDs. With touch switch and switchable Nightlight. Plastic, silver. 12V/6W, 588 lm.
Dimensions: Ø 129 x H 9 mm.

835490 49,99

⑤ 12 white and 6 blue LEDs. With touch control and switchable night light. Plastic, silver. 12V/2,8W, 204 lm.
Dimensions: Ø 69 x H 10 mm.

835491 19,99



12 V LED-lights

Exquisite reading lights with innovative On/Off switch

Reading light of brushed nickel in two different lengths dimmable if additional dimmer is present. Ø 35 mm, 12 V, 1.2 watt, warm white (3,000 K), 100 lm, radiation angle 90°. Life cycle ca. 20,000 hours, energy efficiency class A+.

Total height 160.5 mm **830343 34.90**
Total height 300.5 mm **830344 38.90**



ON/OFF SWITCH
INTEGRATED IN HEAD



Roof light

Night-Wave, 6 white and 6 blue LEDs with switch, switchable blue night light. Ø 97 x H 30 mm. Plastic, silver, swivelling. 2 W/120 Lumen. Energy efficiency A+.

83529 25,99



Roof spot light wave

3 white LED with switch. Ø 105 x H 24 mm. Plastic/metallic, silver, swivelling. 3 x 1 W/80 Lumen. Energy efficiency A

83533 35,99



Roof light wave

1 High Power LED with switch. Ø 105 x H 24 mm. Plastic/metallic, silver, swivelling. 1 W/80 Lumen. Energy efficiency A++

83530 14,90



Mini Deckenleuchte

- 6 ultrahelle LEDs
- 2 Watt/96 Lumen

White metallic housing with plastic diffusing disc. Ø 70 mm, height: 36 mm. Energy efficiency A+

83990 21,99



LED spot with touch switch and glass shade

12V, incl. night light function, material: Nickel brushed, 3000K, 2W, 1x COB LED, 180 Lumen, dimmable with touch switch, weight: approx. 230g.

83187 18,99



LED-Spot with touch switch and USB-Port in the base

12V, incl. night light function, glass shade, material: Nickel brushed, 3000K, 2W, 1x COB LED, 180 Lumen, dimmable over touch switch, Weight: ca. 190g.

83189 29,90



LED spot with touch switch and white lamp shade

12V, incl. night light function, elegant white lamp shade Material: chrome, 3000K, 2W, 1x COB LED, 80 Lumen, dimmable over touch switch, Weight: ca. 170g.

83188 27,90

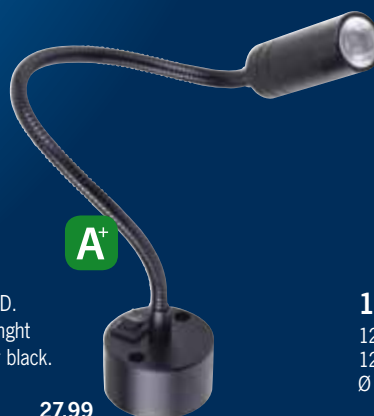


For all light on this page valid.
Intended use of all lights in this catalogue: ONLY for use with 12 V batteries and use in free-time vehicles.

Flexible LED Spot

Power LED Spot with 2W LED. 110 Lumen. Flexible arm, length 200 mm. With switch, colour black. Energy efficiency: A+.

83394 27,99



12/24V LED Spot

12V LED-Spot, Colour: white, 3000K, 2,4W, 12 SMD LEDs, 240 Lumen, housing ABS. Dim.: Ø 75x18mm. IP67. Energy efficiency A+

83373 9,99

Carbest reversing monitor can be combined with a camera



Top View 7" reversing monitor

7" TFT monitor, resolution 800x480 pixels.

Can be combined with the 3 cameras below: 47801, 47802, 47803.

With mirror function and integrated speakers. 9 watt power output, 2 camera connections. Temperature range -10 °C to +65 °C. Scope of delivery: Connecting cable, mount, instructions and remote control.

47804

149.-



Easy View 4,3"

TFT Monitor, 2 camera connections, resolution 480 x 272 Pixel, 12 Volt, 5 watt power output. Temperature range -10 bis +65° C, Dim. with foot: approx. 127x 35 x 35 mm, Scope of delivery: Monitor, connection cable, instructions, holder for glueing. 3M glue pad.

478051

69,-



Adapter cable

For connecting a camera to navigation systems.

Suitable for all cameras on this page.

47808

6.90



Easy Eye night vision compact infrared camera

Night vision compact camera with heating. Resolution: 500x582 pixels, 0 lux, 18 night vision LEDs, viewing angle 120°, voltage: 12 volt, temperature range: -20 bis 70 °C. Scope of delivery: Camera, 20 m connection cable, user manual and fastening material.

47802

169.-



Full Eye reversing double camera

Double lens camera with integrated microphone and heating. Resolution: 500x582 pixels, 0 lux, 15 night vision LEDs, viewing angle 120°/45°, voltage: 12 V, temperature range: -20 bis 70 °C. Scope of delivery: camera, 20 m connection cable, user manual and fastening material.

47801

199.-



Van View reversing infrared camera for box vans with a split rear door

Ideal for the vehicle roof edge of box vans and transporters with a split rear door. Resolution: 500x582 pixels. 0 lux, 9 night vision LEDs, viewing angle 120°, voltage: 12 V, temperature range: -20 bis 70 °C. Scope of delivery: camera, 20 m connection cable, user manual and fastening material.

47803

189.-

Carbest Profi-View reversing cameras for retrofitting



Approved for operation and use in motor vehicles on all European roads!

- For retrofitting in existing navigation systems
- 3 camera types to choose from
- Automatically switches on when shifting to reverse
- AV-cinch adapter for connection to all devices with a cinch input (e.g. for all ZENEC, XZENT Moniceiver / Naviceiver etc ...)
- 20 m camera cable



Colour camera, electric rotating

Ideal for driving with a trailer. With 20 m cable.

471890 199.–



Reversing camera with electrically controlled cover (shutter camera)

The camera cover closes electrically to protect the camera lens from snow, water and dirt. With 20 m cable.

471894 229.–

Camera connection adapter

For connection to existing Moniceiver / Naviceiver systems. Suitable for the Carbest camera 471890 and 471894



471882 24.99



Replacement windscreen wiper

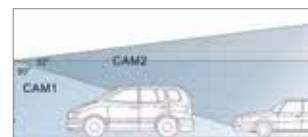
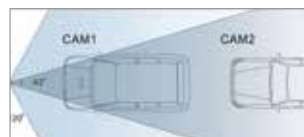
For the double lens camera 471888

471880 14.50



Camera connection adapter

For connection to existing Moniceiver / Naviceiver systems. Suitable for the Carbest camera 471888. 471990 42.90



Double lens camera with 2 objectives

Ideal for use with trailers and for manoeuvring. With integrated wiper for a clear view, and 20 m connecting cable.

471888 399.–

Carbest Profi-View reversing complete system



Approved for operation and
use in motor vehicles on
all European roads!



Complete system with colour camera and 7" monitor

- Camera rotates up to 40°
- Low-reflection monitor with speaker and sun shade
- Sensor-controlled monitor brightness
- Automatically switches on (when shifting to reverse)
- Monitor mount for gluing or bolting
- 1 x additional AV input

471892 499.–



Complete system with double lens camera and 7" monitor

- Camera with heating, electric shutter and "windscreen wiper"
- Low-reflection monitor with speaker and sun shade
- Sensor-controlled monitor brightness
- Automatically switches on (when shifting to reverse)
- Monitor mount for gluing or bolting
- 1 x additional AV input

47188 699.–

Set	Set with colour camera	Set with double lens camera
Article number	471892	47188
Resolution of monitor / camera (pixels)	480x234 (RGB) / 320,000	480x234 (RGB) / 330,000
Viewing angle / horizontal / vertical	Cam: 130° / pivoting angle 40°	Cam 1: 150° / Cam 2: 53°
Infrared night vision LED / sensitivity	yes / (1.5 lux)	no / (0 lux)
Microphone in camera / heating in camera	yes / no	no / yes
Operating voltage	12 – 32 V DC	12 V DC
Temperature range of monitor / camera	– 10 to + 50 °C / – 30 to + 50 °C	– 10 to + 50 °C
Technical data for monitor	7" TFT LCD display, TV system PAL/NTSC, max. power draw 12 W, 1 camera input, 1 AV output (cinch). Weight ca. 480 g, dimensions in mm (WxHxD), without mount: 190x125x28	
Technical data for camera	1/3" CCD colour sensor, electronic aperture, dimensions: W95xH53xD78 mm, weight ca. 500 g. case: black	CCD colour camera, weight ca. 650g, aluminium case, protection type IP68, heating, dimensions in mm (WxHxD): 118x57x59
Scope of delivery	7" LCD TFT colour monitor with integrated speaker, hinged mount and glare shield, monitor connection cable, 20 m connection cable between camera and monitor.	

12 V wireless reversing camera systems

- Immune to noise, range: ca. 32 m
- 2-channel video, split-view, audio
- Dust- and waterproof
- Vibration-resistant

Technical data for 7" LCD monitor:

2.4 GHz, resolution: 800x480, contrast: 500:1, viewing angle: V:110°, H:140°, input voltage: 10 – 16 V, video system: PAL and NTSC, image: 4:3/16:9, brightness: 450 cd/m², adjustable universal mount, operating temperature: – 30 °C to + 70 °C, operating voltage: 10 – 36 V

Technical data for camera:

Colour sensor, waterproof acc. to IP69K, video system: NTSC 720x480, PAL 756x504, resolution: 600 TV lines, minimum light requirement: 0 lux (LED, 12 IR), shutter speed: 1/100,000(s), vibration-resistant, angle of view: 120°, operating voltage: DC 10-36V

47348 359.–

Replacement camera for wireless reversing system 47348

473481 149.–



- Wireless, encrypted 2.4 GHz transmission
- Ideal for cars, RVs and trailers
- Viewing angle (110°), distance reference lines to obstacle
- Monitor connection via 12 V cigarette lighter cable
- Camera for mounting on the number plate

When the colour monitor is switched on, the picture taken by the camera is sent to the monitor via a wireless signal. Built-in night vision technology also allows transmission of images in the dark.

Technical data: Operating temperature: – 10 °C to + 50 °C, transmission range: max. 10 m

Monitor: Screen diagonal: 3.5"/8.9 cm, resolution: 320x240, dimensions: ca. 100x75x22 mm, technology: LCD colour display, power supply: 12 V fuse: 1A,

Camera: Resolution: 640x480, night vision: 7 infrared LEDs, viewing angle: 110°, colour sensor: 1/4" colour CMOS, exposure correction / white balance: Automatic, camera tilt angle: Variable up to 30°, power supply: 12 V, IP class: IP65
Transmitter: Transmission: 2.4 GHz, range: max. 10 m, power supply via cigarette lighter cable.

Scope of delivery: Monitor, monitor mount, transmitter, camera and mounting material

47349 129.–



Digital link for wireless transmission of video signals

The wireless system transmits the reverse camera image to a monitor. Since there are no cables, installation is fast and easy. Operates with 12 V or 24 V system. Wireless range is also suitable for larger RVs and caravans.

Digital 2.4 GHz wireless transmission.

Scope of delivery: 1 receiver, 1 transmitter, incl. adapter for Carbest reversing systems.

47439 119.–



Rearview mirror with integrated camera

For all cameras on
the right page



Reliable and exact.
For safe parking and
ranking.



Inclusive connection cable



Inclusive connection cable



Rearview mirror with 4.3" monitor, suitable for Fiat Ducato mirror

Rearview mirror with 4.3 inch monitor, suitable for Fiat Ducato, automatic activation in reverse gear, ledger lines adjustable, 2 x Video Input, Resolution: 480 x 272, control via touch screen, remote control, video system: PAL/AUTO/NTSC, Emark certified, Dimensions: ca. 27 x 7,5 cm

47820

175,-

Rearview mirror with 4.3" monitor, universal Clip-on holder

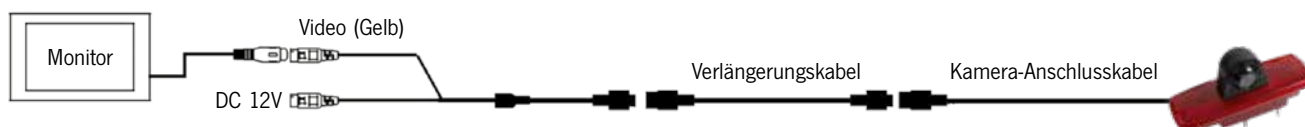
Rearview mirror with 4.3 inch monitor, clip on , automatic activation in reverse gear, ledger lines adjustable, 2 x Video Input, Resolution: 480 x 272, control via touch screen, remote control, video system: PAL/AUTO/NTSC, Emark certified, Dimensions: ca. 27 x 7,5 cm

47821

175,-

High quality brake lights with integrated camera

- High resolution camera
- Plug & Play Installation
- Night modus with night view IR-LEDs (except 47811 + 47813)
- 10 m connection cable
- All brake lights certified E9



Model	① Fiat Ducato 2006-2015 3. Generation / Maxi / Peugeot Boxer / Citroen Jumper usw.	② VW Caddy	③ VW Crafter ab Baujahr 2017	④ VW T6 ab Baujahr 2016 mit großer Heckklappe	⑤ Renault Trafic / Opel Vivaro ab Baujahr 2014
Camera system	1/3 CMOS	1/3 CMOS	1/3 CMOS	1/3 CMOS	1/3 CMOS
Resolution	720x480 Pixel	960x576 Pixel	960x576 Pixel	960x576 Pixel	960x576 Pixel
TV system	PAL	PAL	PAL	PAL	PAL
Protection class	IP68	IP69	IP69	IP69	IP69
Perspective	160°	170°	170°	170°	120°
Horizontal resolution	600 TVL	700 TVL	700 TVL	700 TVL	700 TVL
IR-LEDs	6 LEDs		9 LEDs		9 LEDs
Power supply	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V
Operating temperatur	von -20°C bis +70°C	von -30°C bis +70°C	von -30°C bis +70°C	von -30°C bis +70°C	von -30°C bis +70°C
Power consumption	< 3 W	< 3 W	< 3 W	< 3 W	< 3 W
Built-in lens	2,6 mm	2,8 mm	2,8 mm	2,8 mm	2,8 mm
Emarc certified	E9	E9	E9	E9	E9
Connection cable, length	10 m	10 m	10 m	10 m	10 m
Housing demension	ca. 26 x 5,5 cm	ca. 17,5 x 4 cm	ca. 53 x 17,5 cm	ca. 33,5 x 2,5 cm	ca. 23,5 x 7,5 cm
Article number	47800	47811	47812	47813	47814
Price	199,-	159,-	209,-	189,-	179,-

Water pressure pumps and submersible pumps



① 3-chamber water pressure pump – 7 l/min, 1.4 bar

Self-priming. Connection via ½" outer threads incl. filter and hose adapter. Approx. size: L203xW130xH123 mm, 12 V, 3.0 A (max. 6.0 A).

62055 79.99

② 3-chamber water pressure pump – 10 l/min, 2.8 bar

Self-priming. Connection via ½" outer threads incl. filter and hose adapter. Approx. size: L203xW130xH123 mm, 12 V, 3.5 A (max. 7.5 A).

62056 89.99

③ NEW! 4-chamber water pressure pump - 11,3 l/min, 3,8 bar

Self-priming. Connection via ½" outer threads incl. filter and hose adapter. Approx. size: L203xW130xH123 mm, 12 V, 3,5 A (max. 7,5 A).

620560 99,99

Submersible pumps

- Pipe connection for hoses with Ø 10 – 12 mm
- Can be connected with a hose clamp to any hose with a suitable diameter
- Suitable for short dry running
- Small diameter – suitable for small jerrycan openings

Not compliant for drinking water

No.	Designation	l/m	bar	Watt	Ø pump	Art. no.	Price
④	Submersible pump 10 l	10	1.5	50	38 mm	62130	12.99
⑤	Submersible pump 15 l	15	1.5	50	49 mm	62131	14.20
⑥	Submersible pump 20 l	20	1.5	80	52 mm	62132	24.90

Powerful 12 V stainless steel exhaust hood



Stainless steel housing, with lights 2x1.5 W LED (2x80 lumens), warm white (3,000 Kelvin), suction power 98 m³/h, 12 V, only for RVs and caravans.

Dimensions W40 xD27 xH 5 cm. Weight 1.8 kg

31852 129.–



Powerful 230 V generators with integrated charge connection

- 230 V at any time, additional 12 V charge current 5/8 A
- Overload indicator, low oil indicator, power indicator
- Load-dependent rotational speed for low fuel consumption
- Converter technology: clean sinus curve, also for sensitive consumers

These generators are light, compact and user-friendly. They provide an independent 230 V power source for your devices or for charging batteries. Converter technology ensure optimal sinus curve. This also allows connection of sensitive devices. The generators have an economy function to reduce the motor speed. This reduces the fuel consumption significantly based on the power requirements of the connected devices. All generators are equipped with a low oil indicator and an earth connection.

Technical data	CI 1000	CI 2000	CI 3000
Max. power (230 V)	1000 W	2600 W	3300 W
Max. continuous power (230 V)	900 W	2300 W	3100 W
12 V charge output	12 V/5 A	12 V/8.3 A	12 V/8.3 A
Sockets 230 V/12 V	1 x Schuko / 1 x 12 V	2 x Schuko / 1 x 12 V	2 x Schuko / 1 x 12 V
Motor / starter	4-cycle OHV / cable		
Tank capacity	2.7 l	4.5 l	4.5 l
Operating time (full load)	4.1 h/tank filling	3.6 h/tank filling	3/tank filling
Sound pressure at 7 m	58 dB/7m	58 dB/7m	58 dB/7m
Dimensions (L x W x H) m	490 x 275 x 415	660 x 376 x 590	660 x 376 x 591
Weight / protection type	ca. 15 kg/IP 23	ca. 30 kg/IP 23	ca. 30 kg/IP 35
Article number	92603	926010	926020
Price	349.90	629.99	759.99



Canvas span rubber with fast-span-rubber

With this suitable span rubber, the canvas can be folded perfectly easy. Its easily put around the canvas and individually shortened.

442201 6,99



Power Vent rooflights with or without 12 V fan



12 V

- UV resistant
- Integrated insect protection
- Opens and closes manually
- For roofs with thickness of 25 – 80 mm

Power Vent without 12 V fan

Cut-out size: 280 x 280 mm
Total size: 365 x 365 mm
Hood: Crystal (opal glass appearance)
Weight: ca. 2.1 kg

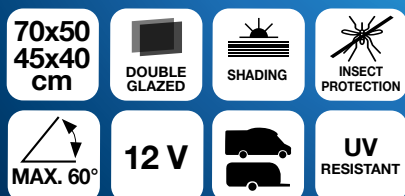
318530 57.90

Power Vent with 12 V fan

Cut-out size: 280 x 280 mm
Total size: 365 x 365 mm
Technical data for fan:
Power: 9.6 W, capacity 9 m³/h
Noise level ≤ 50dB, Ø 175 mm,
5 fan blades, weight: ca. 2.3 kg
Hood: white (opaque)

31853 79.90

High-quality rooflights



70x50
cm



45x40
cm



- In 2 sizes: 70 x 50 or 45 x 40 cm
- Double glazed and UV-resistant
- Integrated shading system
- Integrated insect protection
- Built-in LEDs and switch
- Maximum opening to 60°
- PNEumatic springs for easy operation
- For roofs with thickness of 25 – 60 mm

Panorama rooflight, 70 x 50 cm

Cut-out size: 702 x 502 mm
Total size: 833 x 633 mm
Hood: tinted acrylic glass
Weight: ca. 8.0 kg

Without forced ventilation

31854 449.–

With forced ventilation

318540 449.–

Rooflight 45 x 40 cm

Cut-out size: 452 x 402 mm
Total size: 577 x 577 mm
Hood: tinted acrylic glass
Weight: ca. 5.5 kg

Without forced ventilation

31851 349.95

With forced ventilation

318510 349.95



Integrated insect protection and shading system in the interior frame.

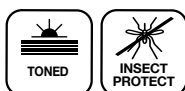


4 integrated LED lights in the interior with ON/OFF switch.

Window series RW with aluminium frame and real glass for camper vans

RW ECO – Hinged window

- 3,5 mm safety glass with toned glass
- For wall thickness 30 mm, edge radius 75 mm
- with telescopic set-up. Opening max 70°



Width	Height	WINDOW		Inner roller blind+frame	
		Art-NO.	Price	Art-Nro.	Price
350	500	31880*	107,-	318801	64,99
500	300	31881**	99,99	318811	63,99
500	450	31882*	126,-	318821	65,99
700	300	31883**	126,-	318831	71,99
800	450	31884*	184,99	318841	83,99
900	450	31885*	187,99	318851	83,99
900	500	31886*	188,99	318861	86,49
1000	500	31887*	199,-	318871	89,99

* Stainless steel telescopic display stepless

** Plastic exhibitor 3-stage



Sliding window RW MOTION

- Best isolation due to double glazed
- Powder coated aluminium frame
- Toned safety glass
- For wall thickness 30 mm, edge radius 87



Width	Height	Window		Roller blind with frame	
		Art-No.	Price	Art-No.	Price
500	350	31650	119,-	316501	63,99
500	450	31654	139,-	316541	59,99
600	350	31653	139,-	316531	57,99
800	340	31656	139,-	316561	76,99
800	400	31651	159,-	316511	78,99
800	450	31655	149,-	316551	72,99
960	450	31652	169,-	316521	77,99



Sliding window for Horse Trailer with grid

Window for horse trailer with security grid, offers fresh air in the trailer and protects from insects with an integrated mosquito net.

Lockable from outside.

For 40 mm wall thickness,
Edge radius 100 mm.

Width 790 mm, Height 515 mm	31970	299,-
Width 565 mm, Height 515 mm	31971	279,-

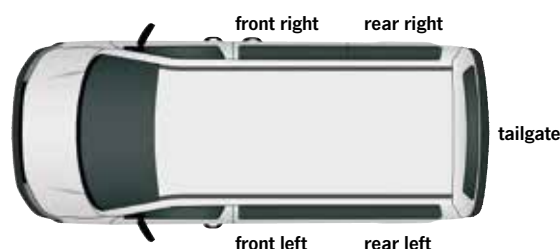


Windows for Vans and Camper Vans

- Dark toned windows for exchanging and retrofitting
- For common vehicle types
- Fresh air in the vehicle
- With installation manual



MOUNTING POSITION ON THE VEHICLE



Sliding window for MB Vito/Metris from Cy. 2015

Position	Width	Height	Art-No.	Price
Front right, mwb + elwb	1100 mm	570 mm	31597	169,90
Front left, mwb + elwb	1100 mm	570 mm	31596	169,90

Sliding window for Ford Transit from Cy. 7/2013

Position	Width	Height	Art-No.	Price
front right, swb + lwb	1199 mm	566 mm	31595	169,90
front left, swb + lwb	1208 mm	566 mm	31594	169,90

ohne Abb.

Sliding window for Renault Trafic

Position	Cy.	Width	Height	Art-No.	Price
front right, swb + lwb	02-15	1193 mm	665 mm	316012	169,-
front left, swb + lwb	02-15	1193 mm	665 mm	316011	169,-
front right, swb + lwb	fr. 15	1116 mm	598 mm	31593	184,90
front left, swb + lwb	fr. 15	1116 mm	598 mm	31592	184,90

Rigid window for Renault Trafic

Position	Bj.	Breite	Höhe	Art-No.	Preis
rear right, swb	ab 15	919 mm	571 mm	31602	63,-
rear left, swb	ab 15	919 mm	571 mm	31601	63,-



swb= short wheel base
lwb = long wheel base
mwb = middle wheel base
elwb = extra long wheel base

Detailed view of a closed window from the outside.



Illustration similair

Windows for Vans and Panel Vans with dark toned safety glass

Here you can retrofit
the windows of
Carbest!



Sliding window for VW T5/T6 fr. Cy. 2004

Position	Width	Height	Art-No.	Price
front right, swb + lwb	1135 mm	585 mm	31591	169,90
front left, swb + lwb	1135 mm	585 mm	31590	169,90

Rigid window for VW T5/T6

Position	Width	Height	Art-No.	Price
rear right, swb	922 mm	572 mm	31599	79,-
rear left, swb	922 mm	572 mm	31598	79,-

Tailgate window for VW T6 fr. Cy. 2016

Position	Width	Height	Art-No.	Price
Tailgate, swb + lwb	1554 mm	562 mm	31600	184,-

Siding window for Fiat Ducato fr. Cy. 2007

Position	Width	Height	Art-No.	Price
front right, L2 / L4 / L5	1400 mm	665 mm	31619	175,-
front left, L2 / L4 / L5	1434 mm	665 mm	31620	175,-
middle right, L2 / L4 / L5	1360 mm	585 mm	31622	175,-
middle left, L2 / L4 / L5	1360 mm	665 mm	31621	175,-
rear right, L5	1126 mm	665 mm	31623	172,-
rear left, L5	1128 mm	665 mm	31624	172,-

Vehicle lengths:

L2 = 541 cm / L4 = 599 cm / L5 = 636 cm

Tailgate window for Fiat Ducato fr. Cy. 2007

Position	Width	Height	Art-No.	Price
Tailgate door right	826 mm	665 mm	31625	65,-
Tailgate door left	826 mm	665 mm	31626	65,-

Real glass windows Carbest

The dark toned windows award your vehicle a noble character, optically they convert your panel van into a combi

Suitable for exchange and for retrofitting. Several windows are available as sliding window and bring fresh air into your van. Instruction included.

Recommended accessories:

Edge protection: **294541** 15,99

① Cleanerr: **29415** 21,95

② Glue set (2x each window):
294841 30,70



Illustration similair



Escali – The multi-function ladder with a max. length of 3.2 m

- Ideal for loading the roof box or for cleaning the caravan or RV
- 11-step, extended height max. 3.2 m!
- Folds together for compact storage in boot or rear garage
- Max. load capacity 150 kg, weight ca. 9.1 kg
- Working height ca. 4.2 m

Safety information: The Escali multi-function ladder must extend 70 cm over the contact edge in accordance with TÜV regulations!

Escali multi-function ladder

Approved in acc. with EN 131-6.

Packed size: H ca. 77 cm, W ca. 44/46 cm

440130

129.-



Compact aluminium folding ladder with max. length of 2.1 m

- **Material:** Lightweight aluminium
- **Load capacity up to max. 150 kg**

Aluminium folding ladder

With 6 steps. Dimensions opened: 210x45x6 cm, dimensions closed: 210x6x6 cm.

Weight: ca. 3.8 kg

44005

67.90

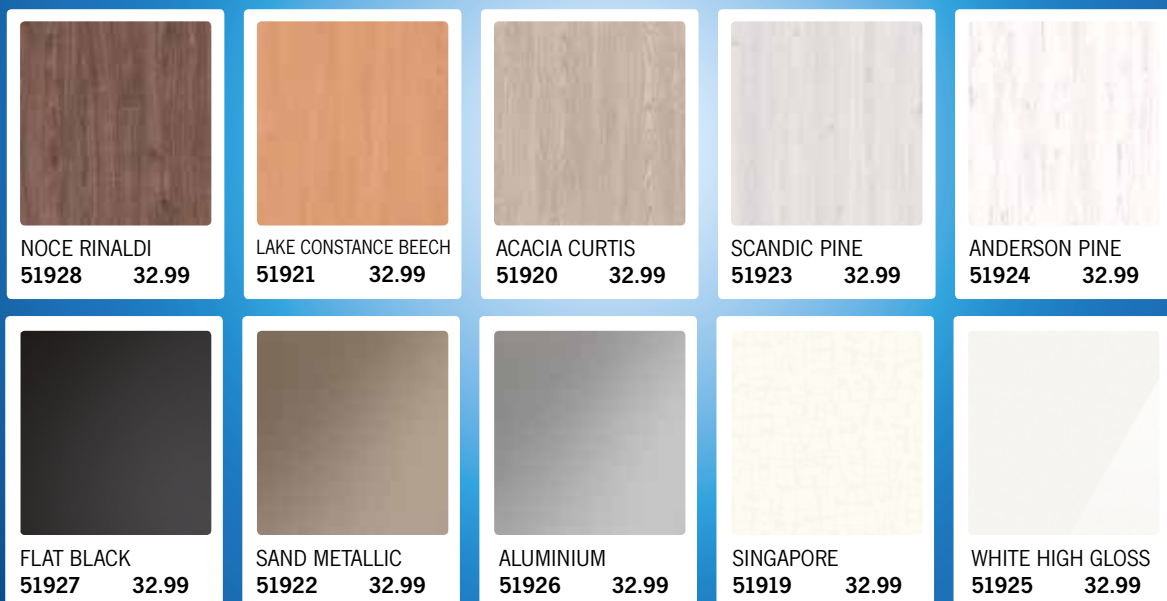


Self-adhesive premium furniture design foil

for custom decoration of smooth indoor furniture surfaces.



- Can be repositioned repeatedly without residue
- Can be attached and removed several times
- Air-channel technology for bubble-free surface
- Whiteboard function for foil type White high gloss (51925)*
- *We recommend using only special whiteboard markers for writing
- High temperature fastness (–20 °C to +80 °C)
- Tangible surface structures (dependent on design)
- Foil size: W x L 62 x 230 cm



Easy to install:



Mounting set

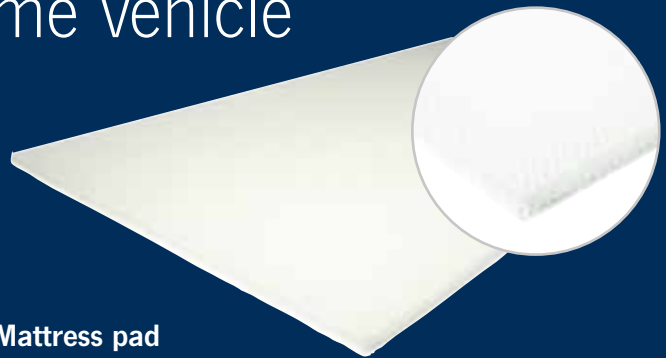
For uncomplicated application of the design foil. Consists of plastic squeegee and cutter knife.

51930 13.99

Foil GP 23,13/1 sq.m



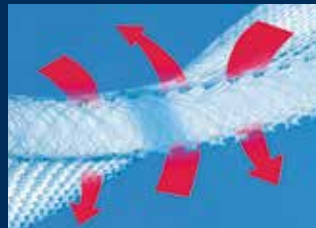
Living Comfort for free-time vehicle



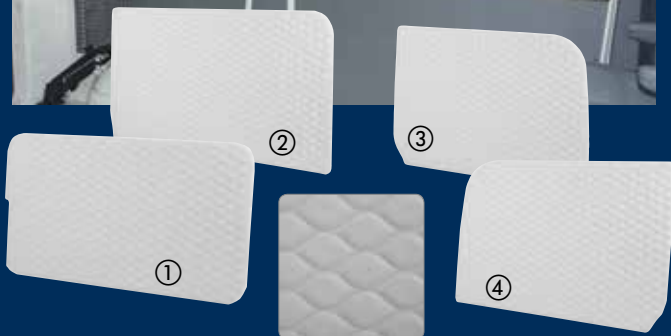
Mattress pad

Putting our mattress pad between lattenrost and mattress, you will sleep comfortable

High elastic distance fabric from PE-threads. Pressure elastic and breathable. Like an invisible climate-zone. Pressure relief and support of the discogenic. Variable cuttable



Height 10 mm, 80 x 200 cm	93936	44,90
Height 10 mm, 120 x 200 cm	93938	64,90
Height 10 mm, 140 x 200 cm	93939	89,90
Height 15 mm, 80 x 200 cm	939360	82,90
Height 15 mm, 120 x 200 cm	939380	99,95
Height 15 mm, 140 x 200 cm	939390	128,95



Quilted interior panelling for VW T5/T6 Vans without windows

- Homely ambiente
- Noble leatherette optics
- Inclusive fixing material

Easy fixing with dowels into the holes of the VW T5/T6 or with velcro. Fixing Material in the scope of delivery.

Material matches the colour of the interior colours of the vans

① 1x Panell for sliding door	32000	169,-
② 1x Panell for the opposite side of slidingdoor	32001	169,-
③ 1x Panell for the rear right side window	32002	169,-
④ 1x Panell for the rear left side window	32003	169,-

MATCHING :

Leatherette, grainy, for further interior panneling (e.g. Holme)

Light grey, laminated with 3 mm hem	510211	41,90
Light grey, unlamimated	510211-1	29,99



Alu-Butyl - selfadhesive Isolation

- Odorless
- 2 mm thick, alu coated
- Without Bitumen, no oil or asphalt added
- Outstanding noise and sound suppression
- Heat reflecting
- Selfadhesive
- Processing from 5°C on possible

Temperature resistant from -30°C bis +80°C

Adhesive layer protected by foil

100 x 50 cm	GP 26,58/1 qm	50098	12,90
500 x 40 cm	GP 16,50/1 qm	50099	31,99

When processing please wear gloves due to sharp edges.
Available from April 2019

Tambour door complete set

- For construction of an upward opening tambour door
- For maximum door size 100 cm high 60 cm wide
- Allows opening even if space is limited
- Includes cut-to-fit roller slats, track and fascia trim

The running tracks, roller slats and the fascia trim can be cut to the desired door size and cabinet depth.

Material: Silver plastic.

Tambour door set consisting of:

1 x roller slats with recessed handle, H 100 x B 60 cm

4 x screw-on running tracks, L 100 cm

4 x 90° screw-on guide sections

1 x fascia trim, L 100 cm

Color silver

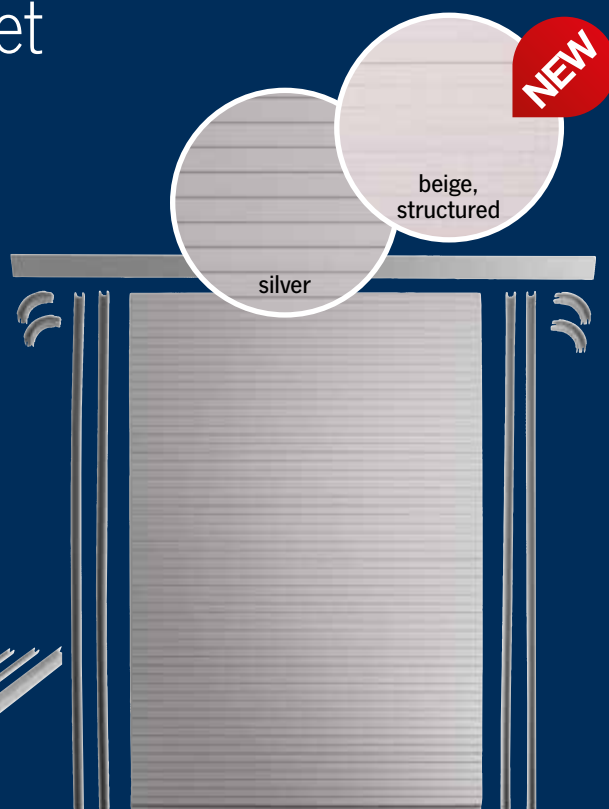
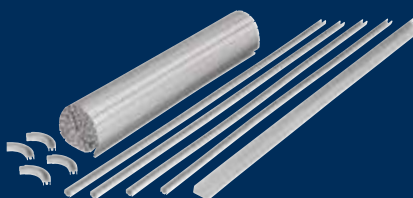
53044

79,99

NEW! Color beige, structured

53045

79,99



Roller blind door for bathrooms

Silver coloured roller blind door with handle stripon both ends.

Height max. 198 cm, Width max. 100 cm, each able to be shortened

Lamellar width ca. 32 mm.

Scope of delivery:

Lamellar door, floor glides, each 2 x 90° guide rails (100/20 cm) for up and down, 2 m magnet band, manual

Roller blind door H198 x W100 cm,

53046

249,90



NEW

Practical travel accessories



Steel caravan step

Load capacity up to 130 kg. Size opened: 62x40x23 cm.
Size closed: 48x30x8 cm. Weight: ca. 3.2 kg.

91184

27,99



Aluminium caravan step

Load capacity up to 150 kg. Size opened: 60x48x22 cm.
Size closed: 48x37x7.5 cm. Weight: ca. 3.1 kg.

91190

58,95



Folding caravan step

very practical with high load capacity. With large step surface of 37 x 31 cm and non-slip surface. Height: 24 cm. Folded together it is only 5 cm high and therefore easy to stow. Load capacity up to 130 kg. Packed size 38x37x5 cm. Polypropylene. Weight ca. 2.1 kg.

91185

16,90



Plastic caravan step

folding. Load capacity up to 150 kg.
Size: 420x280x260 mm.

91194

18,95



Stand-up **Reserved** sign.
For RVs and caravans.
Dimensions: 61.5x30 cm

47085

11,99



Air compressor

Premium metal compressor for tyres, swimming aids and inflatable boats. Mini compressor, 12 volt, 360 watt, pressure 10 bar/150 PSI, 72 litres per minute pump volume. Integrated thermal protection switch and robust metal housing. Transport bag and valve bonnets included. With battery terminals for direct connection to the battery.

47408

89.-



Battery-operated camping light with insect killer

With 3.7 V, 2000 mAh Li-Polymer battery. Charge via micro-USB.

For use on a table or for hanging by integrated hook.

Material: ABS, dimensions: 88x129 mm, weight: ca. 205 g

83494

24,99



4^{er}
SET

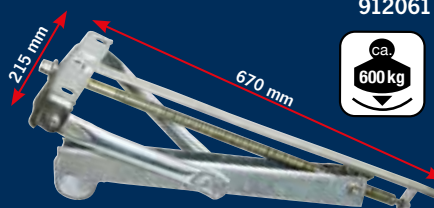
Aluminium camper jack set, 4-piece

- Height adjustable from 28.5 – 42 cm
- 1000 kg load capacity each
- With metal spindle, stackable

Width: ca. 16 cm, height: 23 cm. Weight 3.2 kg

912061

43,99



Galvanized universal steady leg

- Static load capacity: 600 kg per leg
- Extended length: 497 mm

Weight: 3.5 kg

912323

35,99

Practical travel accessories



NEW

Universal holder for tablet/mobile phone

For device widths of approx. 10 - 17.7 cm, 360° rotatable, for headrest, bicycle, etc.

462381 30,44

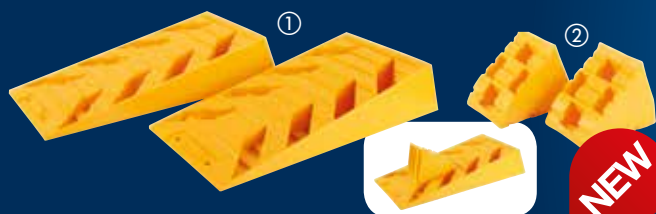


**Tested in 10,000 km
endurance test**

Universal navigation and mobile phone holder

With suction cup mounting, 360° rotating, retaining clips open to 105 mm wide. Material: ABS+PU, colour black, dimensions: 12 x 10 x 7.5 cm. (Smart phone not included).

46238 5.99



NEW

Set of 2 drive-on wedges and optional blocking wedges

① Made of HDPE plastic, loading capacity: 5t, dimensions: L 43 x W 19 x H 9 mm.

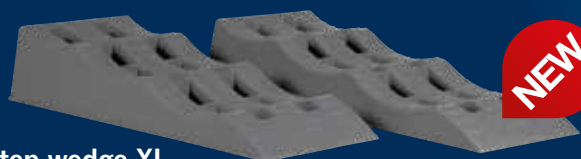
Set of 2 Colour: Yellow

93125 13,50

② Matching blocking wedges, dimensions: 13 x 8.5 x 9 cm.

Set of 2 Colour: Yellow

93126 7,50



NEW

Step wedge XL

2x multi-level ramps/step wedges are ideal for levelling caravans or motor-homes on uneven surfaces. Ramp size: 61x21.5x12cm, material: PP 2150 g, load capacity: 5t

Set of 2, colour: grey

912554 23,99



Steel wheel claw –

Anti-theft guard for cars and trailers

Steel wheel claw for wheels with width up to 26.5 cm. 2 keys included. Dimensions: ca. 23x50 cm, weight: ca. 2.3 kg.

913401 37,99

**Simultaneously charge
a smart phone
and tablet**

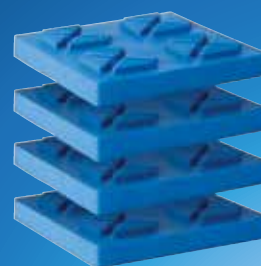


2-way USB distributor

USB charging plug with 2x2.4 A, also suitable for charging tablets

813031

9.99



Universal ground plates

- 4 plates for height compensation
- Clip-in anchor model

For height compensation under camper jacks and support feet.

Dimensions: 21x21x3.3 cm, weight per plate 310 g

4 items

91187

14.99



Support feet, set of 4

Set of 4 plastic support plates for steady legs with metal pin in yellow. Ideal for use in combination with caravan pads 911951.

91195

9.95



Mirror protector set (left and right)

For FIAT Ducato / CITROEN Jumper / PEUGEOT Boxer from 2006 on (X250 and X290)
Material Plastic, high-gloss lacquered

Protects the mirror from damage or concealed damage. Long version for semi-integrated and alcove, short version for camper vans. Available in white, chrome and black.

① White:	short version	45815	69,95
	long version	45816	69,95
② Chrome:	short version	45811	79,95
	long version	45812	79,95
③ Black:	short version	45813	69,95
	long version	45814	69,95

Practical Accessories "on road"



Vacuum cleaner

- Available as 12V-or battery vacuum cleaner.
- Useful life with full battery from 20 to 25 min.
- Generously Accessories
- No dust bag

Telescopic pipe and 4 towers: 360° round brush, fabric nozzle, gap nozzle and carpet brush. GS- and CE-approved .Weight approx. 1,8 kg.
Pack dim.: 44,5x15x15 cm.

Akku vacuum cleaner

Batterie power 80W. Useful life approx.. 20-25 Minutes. Incl. charger with 12V and 230V Adapter.

804273 59,99

12V vacuumer

12V/150 Watt. Incl power adapter, 4m cable lenght

804272 36.95

12 V Ventilator – For cooling on hot days

- Cable lenght 2,5 m
- Clip holder

Ø Ventilator: 18 cm, Fixing with clip, dim. approx. H 25cm, D 20 cm.
Material: PP/Metall. Weight 0,7 kg.

462880 20,90



12V



12 Volt blower

2-step switch. Due foldable handle,small pack. dim.
Approx. Dim.: L15 x H10 x D7 cm,not folded:
L11 x H10 x D6 cm. Cable130 cm,
Weight 145 g.

804190 15,90



Carbest Organizer-Box

- IPerfect for tailgate garage and trunk
- With 2 outside pockets and luggage rack
- weather resistant
- Fast shutter and 2 handles
- very flat foldable

Dim: 51x31x31 cm



91708 29,99

3
PIECES



Carbest Organizer Boxes 3 in 1

- 3 separated boxes or 1 big one
- All boxes with net and handles
- Weather resistant
- Fast shutter and handles

Dim: 74x32x26 cm

91707 25,99



With 2 pockets

Utensilo with 2 pockets

- Fastening the retaining mat with metal eyelets on the driver's seat back
- Pockets are connected to the mat and closed with velcro

Consists of: 1 x Bag (Dim.: 36x20x5 cm) and 1 x Bag (Dim: 28x48x9 cm)

919164

149,-



With 3 pockets

Utensilo with 3 pockets

- Fastening the retaining mat with metal eyelets on the driver's seat back
- Pockets are connected to the mat and closed with velcro

Consists of: 1 x Bag (Maße: 36x20x5 cm) and 2 x bags (Dim: 45x25x6 cm)

919165

189,90



Kunstleder, Grau



NEW

Organizer Deluxe

- 4 pocktes
- 1 compartment for newspaper etc.

Noble organizer deluxe with press buttons (in scope of delivery). Dim: H 58xW 24 cm.

Leatherlook grey
Mikrofaser Beige

919168
919170

44,90
44,90

Trailer electric



Mini short adapter

From 13 to 7 pin. very compact model for cars with 13-pin plug and trailer with 7-pin plug

82137 9,99



7 pin plug

• plastic housing
On towing vehicle

82100 3,79



7 pin plug

• Steel housing

82132 3,79



13 pin plug

• With interlocksystem
nickel-plated contacts

82106 8,99



Short adapter

From 7 pin plug to Multicon plug on the towing vehicle. To 3 pin plug on the trailer

82107 9,99



Trailer plug

• 7 pin
• Steel housing

821321 4,95



Trailer plug

• 7 pin
• plastic housing

821022 3,99



Trailer plug

• 13 pin
With shutdown of the rear fog light

82105 8,99



Coupling

• 7 pin
For cable extension with 7 pin connection points

82101 6,99



Coupling

• 13 pin
For cable extension with 13 pin connection points

82113 9,49



Short adapter

From 13 pin plug on the towing vehicle to 7 pin plug on the trailer

82108 7,49



Adapter cable

• From plug to male plug
• Cable 30 cm long

7 pin plug to 13 pin plug
7 pin plug to 13 pin plug

821324 13,49
821325 5,99



Occupancy 7 and 13 pin plugs

13 pin plug 12 V plug-in system for vehicle and Trailer.

Vehicles with towbar are equipped with a 13-pin socket fitted. Rear fog light has been mandatory for trailers since 1.1.1991. The last free pole of the previous 7-pin plug connection is occupied. (Continuous current in the vehicle is no longer possible.).

Additional connection options for the 13-pin plug connection:

Reversing light, continuous power for caravans, charging line for one additional battery or for light in the trailer etc.

Adaptations: allow any combination between 7- and 13-pin equipped vehicles and trailers. The attachment points are identical for 7- and 13-pin plugs.

Safe in the function by:

High-quality contacts with surface finishing, bayonet locking, Long life, since temperature resistant from + 100 ° to -40 ° C. Dust and waterproof.

*The 13-pin Multicon World Plug (WeSt) also fits into 7-pin outlets, but not in today's 13-pin sockets (Hunter system).

Standard 7 pin



Standard 13 pin (Jäger-System)



13 pin Multicon (WeSt)

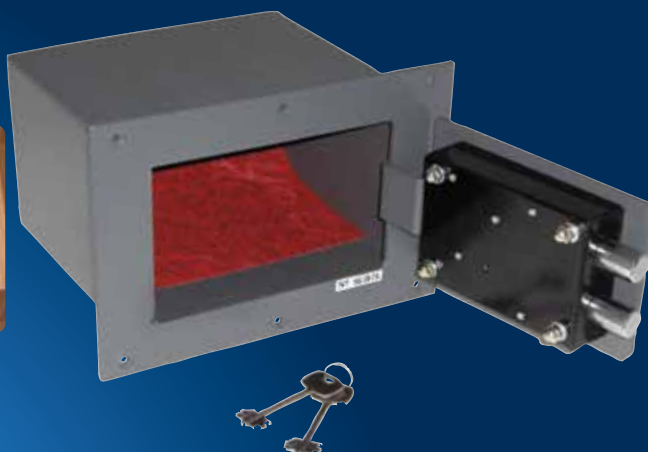


not common any more

7-pol.				13-pol.		
Nr.	DIN	Nr.	DIN	Verbraucher	Farbe	Kabel Ø
1	L	1	L	indicator left	yellow	1,5
2	54G	2	54G	rear fog light	blue	1,5
3*	31	3*	31	Mass (7 pin.) Mass 1-8 (13 pin.)	white	2,5
4	R	4	R	indicator right	green	1,5
5	58R	5	58R	rear light r.	brown	1,5
6	54	6	54	brake light	red	1,5
7	58L	7	58L	rear light l.	black	1,5
		8	ZR	rear running light	grey	1,5
		9	30	life plus (+)	brown/blue	2,5
		10		load line (+)	brown/red	2,5
		11		not assigned		1,5
		12		not assigned		1,5
		13*	31	Mass pin 9-12	black/white	2,5

* The ground lines must not be connected to conduction.

Protect your valuables



① Key safe

Versatile key safe of robust metal and steel braces. For storing keys, for example. With individually configurable 4-digit code.

Outer dimensions: D50xW75xH190 mm. Weight: 700 g.

47151

24.99

② Safety – portable safe box

Safety includes a bolt-on mount that allows easy insertion and removal. The safe box is firmly connected to the mount by means of a latch plate.

Dimensions: Mount ca. B16xT22xH7 cm, cartridge ca. W15xD21.5xH6 cm. Weight: 1.7 kg. Scope of delivery: Safe box, mount, 2 keys, 6 bolts.

47132

24.99

③ Jan – smaller built-in safe for vans

Small but very sturdy safe. (Opening W155xH105 mm). Massive lock and solid double bolt. Designed for concealed installation.

Dimensions: ca. W240xH170xD180 mm, installed dimensions: ca. W200xH130xD180 mm. Weight: ca. 4.0 kg.

Scope of delivery: Safe, 2 keys, 6 mounting bolts.

471362

45.90

④ Spike – wall / floor safe

Can be inconspicuously installed in furniture or a wall

Outer dimensions: ca. W39xD26xH18 cm, housing dimensions: ca. W34xD21xH17.2 cm. Weight: 9.6 kg. Scope of delivery: Safe, 2 keys, fastening material

471361

49.90

⑤ Rex – versatile furniture safe

Whether it is installed in a cabinet or bookshelf, in a caravan, RV, yacht or office, Rex will keep your belongings safely under lock and key. Weight: 6.8 kg. Outer dimensions: ca. W31xD20xH20 cm, scope of delivery: Safe, 2 keys, fastening material

47136

49.90

Reliable gas detectors and smoke detectors for RVs & caravans

GasCube – 3 in 1 gas detector in exquisite design

- Warns of leaking propane/butane gas (LPG), carbon monoxide and so-called KO gases
- Optical and acoustic signal of operational readiness, calibration phase and alarm
- Blue light = ready / Red light = alarm!

① GasCube gas detector

Permanent connection to 12 V on-board power supply. Push-button switch. Ready for operation after about 3 minutes. With high-sensitivity sensor and loud 80 dB siren. Temperature-controlled sensor functions reliably also above 25 °C. Power consumption in standby: 100 mA, power consumption in case of alarm: 180 mA. Installation: ca. 100 cm above the ground.

Dimensions: 55.6x86.7x24 mm.

Colour: White high gloss **80248** **63.90**

② NEW! GasCubePlus with additional external gas sensor

Features identical to GasCube above, but with external gas sensor. The additional sensor detects the gas concentration in the air just as effectively as the main sensor for additional safety in the case of rising and falling gases. The main sensor should be installed about 100 cm above the ground, the smaller external sensor about 30 cm above the ground (cable length: ca. 2.70 m). Allows detection of virtually every type of gas.

Colour: Anthracite high gloss **80249** **109.99**

③ Counter display with 10x GasCube 80248 **802481** **639.–**

④ LPG gas detector at a SUPER price

Warns reliably in case of gas leaks, acoustic alarm 85 dB, installation height for butane / propane gas detection ca. 20 to 40 cm above the ground.

12 volts, power consumption 100 mA. Temperature range – 10/+ 50 °C.

Dimensions 115x70x60 mm. Scope of delivery: LPG gas detector, mounting material **80216** **34.90**

⑤ 2 in 1 combination gas detector

- Warns of LPG, CO 150PPM and other narcotic gases
- 2 integrated sensors
- Self-test function, acoustic and optical alarm
- Suitable for wall mounting

Operating voltage: DC 12 volt

Temperature range: 0 °C ~ + 50 °C

Alarm signal tone: 85 dB/3 m

LPG gas alarm: Continuous tone

Dimensions: 118.5x82x43 mm **80218** **46.99**

⑥ Battery-operated smoke detector

- Detection area 20 m²
- 9 V block battery including function test

With test button and function test. Alarm as tone and light signal, loudness >85 dB/3 m, sensitivity 2.06%/ft. Monitoring area: 20 sq.m. Dimensions Ø128x38 mm. Standard DIN EN14604,UL217.

Battery life ca. 1 year. **80299** **13.95**



Narcotic gas is lighter than air. The sensors should therefore be installed somewhat above sleeping height; butane / propane gas and carbon monoxide are heavier than air, these sensors should therefore be installed somewhat below sleeping height. (Before the gas can reach you.) In combined systems, sensors should be installed at sleeping height.



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