



MOTORCARAVAN & CARAVAN BOOSTERS

Charge and save energy with a motorcaravan or caravan booster. Our boosters offer steady onboard power and are an essential part of the basic equipment on a modern recreational vehicle.



STEADY, ON-BOARD POWER SUPPLY

Alternators used in EURO 6 vehicles, controlled by the vehicle electronics, generate heavily fluctuating voltages. This means a living-area battery can no longer be charged when traveling. A booster will boost the voltage supplied by the alternator. As a result, the living-area battery can continue to be charged via a characteristic curve stored in the booster.

Boosters have since become an essential piece of basic equipment in a modern leisure vehicle and are therefore integrated ex works in almost all instances. All devices can be used for aftermarket purposes.

Motorcaravan (WA 121545) & (WA 121525)

When using an energy-saving charging alternator (Euro 6), using a booster is required because the charging voltage fluctuates very strongly (12,6V to 15V). When using a conventional alternator, the living-area battery charge can be improved by using a booster.

- Charges 12V lead-acid, lead-gel, AGM and lithium batteries while driving, regardless of alternator voltage
- For AGM batteries that require a charging voltage of 14,7V, using a booster is required
- Charging characteristic curve: IUoU (current-dependent switchover to trickle charge)

WA 121545

- Temperature compensation when a sensor is connected
- Maximum charging current is adjustable in four increments (optional): 45 A, 55 A, 63 A and 70 A

WA 121525

- End-of-charge voltage 14,4 to 14,7 depending on battery type (at a battery temperature of 25°C)
- Temperature compensation when a sensor is connected

Caravan (WA 1208)

For the use in caravans (not suitable for motorcaravans).

- Increases the charging voltage in the caravan so that the caravan battery can be charged when driving
- Cut-off from towing vehicle when ignition is switched off
- Voltage compensation of fluctuating alternator voltage
- Status info via LED
- Available to be retrofitted in autarkic caravans
- A voltage supplied by the towing vehicle at the junction box can be used to charge the caravan battery with the aid of this device



WA 121545



WA 121525



WA 1208

Model	Output Current	Max Input Current	Input Voltage	Output Voltage	Reverse Current Caravan Battery		↕ Height	↔ Width	↕ Depth
Motorcaravan (WA 121545)	Up to 70 A	65 A	12V to 15V	14,7V**	<0,2mA*	1.150 gr	73 mm	170 mm	193 mm
Motorcaravan (WA 121525)	20 to 30 A	28 A	12V to 15V	14,7V**	<0,2mA*	400 gr	55 mm	148 mm	95 mm
Caravan (WA 1208)	8 A	9 A	9V to 14,5 V DC	14,4V	<0,5mA*	270 gr	50 mm	130 mm	89 mm

* With ignition off or engine off ** Up to 15,0 (WA 121545) / 15,1 (WA121525) volts depending on battery temperature and selected battery type