



Item no. 322/344
Manufacturer's no. 9990.333



Booster WA 121545 (Motorhome)



Information

Dimensions	186x79x160 mm
Pack size	23.7x22x13.5 cm
Net weight	1.15 kg
Gross weight	1.15 kg
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The Booster WA 121545 is a clocked step-up/step-down converter with a very high level of efficiency. It balances the volatile alternator voltage and provides a high charging current. The booster is perfect for charging lead-acid, lead-gel, AGM1, AGM2 and lithium batteries while driving with 12 V mains power. If a battery temperature sensor is connected, the charging voltages are adapted to the battery's temperature. To guarantee optimal charging, both the voltage of the living area battery and the voltage of the starter battery are measured with a voltage sensor. **Scope of delivery:** all accessories except the connection cables.

Charging characteristic: IUoU (power-dependent switch to charge retention)

Adjustable battery types:

- Lead-acid battery: 14.4 V/13.4 V
- Lead-gel battery: 14.4 V/13.8 V
- AGM1 battery: 14.4 V/13.8 V
- AGM2 battery: 14.7 V/13.7 V
- Lithium battery: 14.4 V constant (CCCV or IU characteristic for LiFePO₄ batteries with an autonomous battery management system)

Specifications

Output voltage	15 V
Charging current	45 A
Nominal voltage	12 V
Nominal current	28 A
Type	WA 121545

Temperature compensation: automatic after connecting the temperature sensor, maximum charging voltage then: 15.0 V

Input voltage range: 12.0 V – 15.0 V

Maximum charging current adjustable to four levels: 45 A/55 A/63 A/70 A

Level of efficiency: $\geq 93\%$ at maximum charging current