



BATTERY BOOSTER

Maximise your energy efficiency with the Wentronic Solutions Battery Booster.

The bidirectional powerhouse seamlessly optimises energy management between the starter and on-board battery, regardless of whether the engine is running or the caravan is stationary. It guarantees efficient charging as soon as the vehicle is connected to the mains or supplied with energy by a solar charge controller.

The innovative aluminium housing enables passive cooling, eliminating fan noise and preventing overheating – ideal for long, carefree journeys.

FEATURES

- Bidirectional charging
- Robust aluminium housing
- Fanless concept
- Reverse polarity protection through automotive connectors
- CI-BUS compatible
- Connecting battery sensor for on-board battery possible
- BOOST and SUPPORT modes

BATTERY BOOSTER

VARIANTS

ITEM	74533
MODEL	WTS-BB 30-Bi

RIGHT TO
REPAIR 

TECHNISCHE DATEN

BATTERY VOLTAGE RANGE	8 – 17 V _{DC}
MAX. POWER OUTPUT	450 W
CONVERSION EFFICIENCY	typ. > 95 %
MAX. CHARGING CURRENT SUPPORT MODE	15 A
BOOST MODE	30 A
DIMENSIONS	154 mm x 104 mm x 46 mm
WEIGHT	ca. 400 g
OPERATING/STORAGE HUMIDITY	-20 °C – +85 °C bis 90 % RH (Bei hohen Temperaturen kann der Ladestrom reduziert werden, um den Ladebooster zu schützen.)
ENERGY CONSUMPTION IN STANDBY MODE	10 mA
VOLTAGE RANGE OF I / O SIGNALS	0 – 12 V _{DC}
PROTECTIVE MEASURES	wire protection: ATO fuses
OVERCURRENT/OVERLOAD/OVERVOLTAGE	software control with emergency shutdown
REVERSE POLARITY PROTECTION	mechanical, with reverse polarity protected connectors



The CI-BUS system is the industry standard for safely, centrally controlling and displaying components in motorhomes.

Modern CI-BUS onboard management systems centrally control devices and functions throughout the onboard network, such as lighting, charge/fill level indicators, or air conditioning.

Wentronic Solutions GmbH is a member of the CIVD and an official CI-BUS partner.