

BMPRO MINIBOOSTPRO

POWERING YOUR ADVENTURES

BMPRO's MiniBoostPRO is a compact DC-DC dual input (solar / aux) charger for the RV market. The MiniBoostPRO offers effective charging of your caravan, 4WD or camper trailer's house battery from the towing vehicle's electrical system.

Blending both solar and auxiliary inputs, the MiniBoostPRO provides a combined charging current of up to a maximum of 30A, with a preference to solar. It features proprietary technology designed to charge from modern car alternators.

The MiniBoostPRO provides a multi stage charging profile.

It functions when wired directly to 12V batteries and enhances BMPRO's BatteryPlus35 and J35 battery management systems.

A range of protective features built into the MiniBoostPRO will guard your caravan or camper trailer's charging capacity.



SPECIFICATIONS

Auxiliary Input Voltage	9-15V DC
Solar Input Voltage	9-25V DC
Output Voltage	Gel: 14.2V AGM/Wet: 14.4V LiFePO4: 14.6V
Float Voltage	13.6V
Output Current	Auxiliary Bypass: max. 30A Auxiliary Boost: max. 22A Solar Charging: max. 30A Blending Charging: max. 30A
Quiescent Current Draw	Auxiliary/Primary Battery: < 25mA Secondary Battery: < 18mA
Operating Temperature	-20°C to 80°C
Dimensions	160mm x 131mm x 41mm
IP Rating	IP20
Standards	RCM Approval, EMC CISPR 11: 2015 Class B
Battery Chemistry	Gel, AGM/Wet, LiFePO4

KEY FEATURES

- 30A multi-stage DC-DC charger
- Built-in solar regulator rated at 30A
- Solar / Aux blending up to 30A
- Boost voltage to 14.6V
- BMPRO signature durability & ease of use
- 2 year warranty