

BMPRO MINIBOOSTPRO

POWERING YOUR ADVENTURES

BMPRO's MiniBoostPRO is a compact 30A 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.

Capable of charging from either solar or auxiliary inputs, or both simultaneously, 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's intelligent charging algorithms enable charging of 12V AGM & Gel lead acid and lithium (LiFePO4) batteries.



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
- Dual input solar/aux up to 30A
- Multi battery chemistry selector
- Suitable for modern smart alternators
- BMPRO BP35 and J35 compatible
- BMPRO signature durability & ease of use
- 2 year warranty