

# MINIBOOSTPRO TRAINING GUIDE

BMPRO's MiniBoostPRO is a multistage DC-to-DC battery charger that can charge your caravan, 4WD or camper trailer's house battery from your solar panels and / or your towing vehicle's 12V electrical system.

Capable of charging from either solar or auxiliary inputs, or blending 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.

When charging, the MiniBoostPRO continually monitors primary, secondary battery and solar voltage.

The MiniBoostPRO's intelligent charging algorithms enable charging of 12V AGM & Gel lead acid and lithium (LiFePO4) batteries.



## 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

## MINIBOOSTPRO 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  NOTE: Output current reduced at elevated temperatures
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
Battery Chemistry	Gel, AGM/Wet, LiFePO4

## QR CODES



Manual



Product Page



Frequently Asked Questions

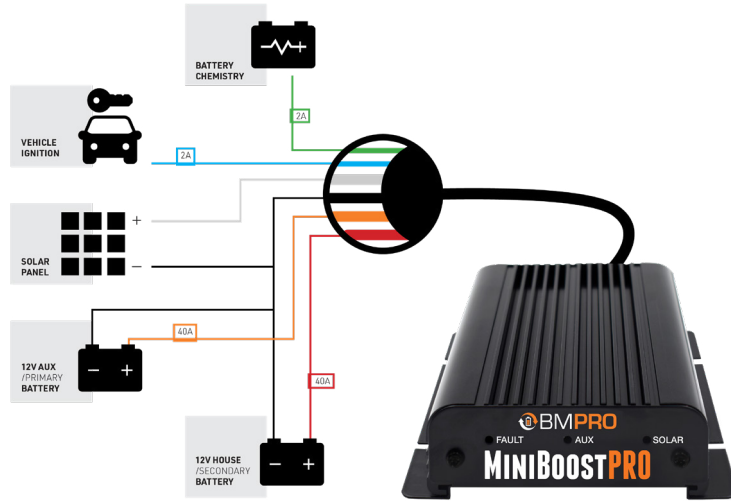


Datasheet



YouTube Channel

## WIRING DIAGRAM FOR A STANDARD INSTALLATION



## WIRING DIAGRAM WITH BATTERYPLUS35-II



## WIRING DIAGRAM WITH J35

