



ProBoost25

BM PRO's ProBoost is a multi-stage DC-to-DC battery charger that enables the charging of a secondary battery using solar panels and/or a towing vehicle's 12V electrical system.

POWERING YOUR ADVENTURES



SPECIFICATIONS

Input Voltage	9 to 18V
Solar Input Voltage	10 to 25V
Maximum Input Current	27A
Input Fuse Rating	40A
Solar Input Watts	300W
Maximum Output Current	25A
Standby Current	<10mA
Battery Type	STD, Gel, AGM, Calcium, LiFePO4
Operating Temperature	-4F to 176F
IP Rating	IP66
Dimensions	145mm x 130mm x 43mm
Charge Type	3 stage
Min Start Voltage (lead-acid)	4V
Min Start Voltage (LiFePO4)	0V

KEY FEATURES

- Compatible with lead-acid and lithium LiFePO4 batteries
- 25A solar MPPT regulator
- Dual input from both solar and vehicle auxiliary
- High power density design provides efficiency up to 93%
- Ultra-thin design suitable for limited installation space
- Excellent performance in harsh environments
- Resistant to shaking, wet, dusty or muddy environments
- Smart alternator compatible
- Overtemperature, overvoltage, undervoltage and reverse polarity protection



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