

PROBOOST40

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.

The ProBoost blends both solar and auxiliary inputs to ensure there is always a consistent charge to your battery.


POWERING YOUR ADVENTURES



SPECIFICATIONS

Input Voltage	9 to 18V
Solar Input Voltage	10 to 32V
Maximum Input current	47A
Input Fuse Rating	60A
Output Current	40A
Standby Current	<15mA
Battery Type	STD, Gel, AGM, Calcium, LiFePO4
Operating Temperature	-20C to 80C
IP Rating	IP66
Dimensions	183mm 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
-  40A 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