

PB-Li 12-100 D



POWER BOOST[®]

high power **battery series**

LFP LiFePO_4
LITHIUM BATTERY



ELECTRICAL SPECIFICATIONS

Nominal Voltage	12,8 V
Nominal Capacity	100 Ah
Open Circuit Volt. @ 100%	13,6 V
Energy	1280 Wh
Internal Resistance	<50 mΩ
Consumption BMS	<100 μA
Self Discharge	<3% / month
Maximal Batteries in Series	4

DISCHARGING

Max. cont. Discharge Current	120 A
Peak Discharge Current	300 A (3 s)
BMS Discharge Cut-Off	150 A (30 s)
Rec. Low Voltage Cut-Off	11 V
BMS Cut-Off	10,4 V
Reconnect Voltage	11,2 V

TEMPERATURES

Discharge Temperature	-20 to 60°C
Charge Temperature	0 to +60 °C
Storage Temperature	0 to +60 °C

COMMUNICATION

Bluetooth 4.0 with App Android/iOS

MECHANICAL SPECIFICATIONS

Dimensions (LxWxH)	353 x 175 x 190 mm
Weight	12,0 kg
Terminal Type	Automotive Post
Case Material	ABS
Enclosure Protection	IP 56
Cell Type / Chemistry	Cylindrical / LiFePO_4

CHARGING

Recomm. Charge Current	50 A
Max. Charge Current	100 A
Recomm. Charge Voltage	14,6 V
BMS Voltage Cut-Off	15 V

COMPLIANCE

Certificates	CE UN38.3 UL1642 & IEC2133
Shipping Classification	UN 3480, Class 9



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