

PB-Li 12-300



POWER BOOZ[®]

high power **battery series**

LFP LiFePO₄
LITHIUM BATTERY



ELECTRICAL SPECIFICATIONS

Nominal Voltage	12,8 V
Nominal Capacity	300 Ah
Open Circuit Volt. @ 100%	13,6 V
Energy	3840 Wh
Internal Resistance	≤ 50 mΩ
Self Discharge	< 3 % / month

DISCHARGING

Max. cont. Discharge Current	200 A
Peak Discharge Current	300 A (30 s)
BMS Discharge Cut-Off	350 A
Rec. Low Voltage Cut-Off	11 V
BMS Cut-Off	10,4 V
Reconnect Voltage	11,2 V

TEMPERATURES

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

COMMUNICATION

Bluetooth 4.0 with App Android/iOS

MECHANICAL SPECIFICATIONS

Dimensions (LxWxH)	353 x 350 x 188 mm
Weight	35 kg
Terminal Type	M8
Case Material	Metal
Enclosure Protection	IP 56
Cell Type / Chemistry	Prismatic LiFePO ₄

CHARGING

Recomm. Charge Current	50 A
Recomm. Charge Voltage	14,4 V - 14,6 V
BMS Voltage Cut-Off	14,6 V

COMPLIANCE

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



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