

PB-Li 12-90 D

Rev.-Nr.: 2.0 | 2023

Fits under the seat console
- also for VW Bus



POWER BOOST



high power **battery series**

LFP LiFePO₄
LITHIUM BATTERY



ELECTRICAL SPECIFICATIONS

Nominal Voltage	12,8 V
Nominal Capacity	90 Ah
Open Circuit Volt. @ 100%	13,3 V
Energy	1152 Wh
Internal Resistance	< 50 mΩ
Consumption BMS	<100 μA
Self Discharge	<3% / month

DISCHARGING

Max. cont. Discharge Current	120 A
Peak Discharge Current	150 A (30 s)
BMS Discharge Cut-Off	600 A (3 s)
BMS Cut-Off	10,4 V
Reconnect Voltage	11,2 V

TEMPERATURES

Discharge Temperature	-20 to +65°C
Charge Temperature	0 to +65 °C
Storage Temperature	0 to +40 °C

COMMUNICATION

Bluetooth 4.0 with App Android/iOS

MECHANICAL SPECIFICATIONS

Dimensions (LxWxH)	318 x 175 x 190 mm
Weight	11,8 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

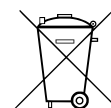
COMPLIANCE

Certificates	CE UN38.3 UL1642 & IEC62133
Shipping Classification	UN 3480, Class 9

MEMBER OF SUNLIGHT GROUP

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