

# PB-Li 12-90 D

↔  
Fits under the seat console  
- also for VW Bus



# POWER BOOST

high power **battery series**

**LFP** LiFePO<sub>4</sub>  
LITHIUM BATTERY



## ELECTRICAL SPECIFICATIONS

Nominal Voltage	12,8 V
Nominal Capacity	90 Ah
Open Circuit Volt. @ 100%	13,6 V
Energy	1152 Wh
Internal Resistance	≤ 40 mΩ @ 50% SOC
Self Discharge	< 3 % /month

## DISCHARGING

Max. cont. Discharge Current	100 A
Peak Discharge Current	200 A (30 s)
BMS Discharge Cut-Off	300 A (3 s)
Rec. Low Voltage Cut-Off	11 V
BMS Cut-Off	10 V
Reconnect Voltage	11,2 V

## TEMPERATURES

Discharge Temperature	-20 to +60°C
Charge Temperature	0 to +55 °C
Storage Temperature	-5 to +35 °C

## COMMUNICATION

Bluetooth 4.0 with App Android/iOS

## MECHANICAL SPECIFICATIONS

Dimensions (LxWxH)	318 x 176 x188 mm
Weight	11,8 kg
Terminal Type	Autom. Post
Case Material	ABS
Enclosure Protection	IP 56
Cell Type / Chemistry	Cylindrical/LiFePO <sub>4</sub>

## CHARGING

Recomm. Charge Current	20 A
Max. Charge Current	100 A
Recomm. Charge Voltage	14,6 V
BMS Voltage Cut-Off	15,0 V

## COMPLIANCE

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



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