



# BPE PowerDepot 5.12kWh LiFePO4 Wall Mounted Battery Datasheet

The BPE PowerDepot 5.12kWh Wall Mounted battery is a lithium ion battery pack which consists of long life-span LiFePO4 battery cells and integrated BMS. It can store and release electric energy based on the requirements of the inverter. It is mainly for home energy storage system.

## Main Benefits

- » LiFePO4 cell technology
- » 6000 cycles @0.5C conditions
- » Maximum 1C charge and discharge capability
- » Wall mounted IP54 grade protection
- » Maximum 4 batteries can be connected in parallel
- » Protective and active BMS allows greater reliability and control
- » Fully recyclable
- » Compact



## Technical Specification

Model	BPE 5.12kWh Wall Mounted Battery
Capacity (Energy)	5.12kWh
Voltage	51.2V
Charging Voltage	58.4V
Operating Voltage Range	45 - 58.4V
Max. Charging Current	100A
Rated Charging Current	90A
Max. Discharging Current	100A
Max. Output Power	5000W
Rated Output Power	4350W
Suggested DoD	85%
Scalability	1 - 4 in parallel
Communication	CAN or RS485
Cycle Life	> 6000
BMS Communication	CAN/RS485
Working Temp. Range	Charge 0°C to +55°C Discharge -10°C to +55°C
Net Weight (kg)	52kg
Gross Weight (kg)	55kg
Product Dimensions (mm)	542 x 468 x 197mm
Package Dimensions (mm)	595 x 522 x 252mm



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