



# BPE PowerDepot 2.56kWh LiFePO4 Wall Mounted Battery Datasheet

The BPE PowerDepot 2.56kWh 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.

## Main Benefits

- » LiFePO4 cell technology
- » 8000 cycles @0.5C conditions
- » Maximum 1C charge and discharge capability
- » Wall mounted IP54 grade protection
- » Maximum 8 batteries can be connected in parallel
- » Protective and active BMS allows greater reliability and control
- » Fully recyclable
- » Compact



## Technical Specification

Model	BPE 2.56kWh Wall Mounted Battery
Capacity (Energy)	2.56kWh
Voltage	51.2V
Charging Voltage	58.4V
Operating Voltage Range	45 - 58.4V
Max. Charging Current	50A
Rated Charging Current	45A
Max. Discharging Current	50A
Max. Output Power	2560W
Rated Output Power	2230W
Suggested DoD	85%
Scalability	1 - 8 in parallel
Communication	CAN or RS485
Warranty	>10 Years
BMS Communication	CAN/RS485
Working Temp. Range	Charge 0°C to +55°C Discharge -10°C to +55°C
Net Weight (kg)	30kg
Gross Weight (kg)	32kg
Product Dimensions (mm)	537 x 366 x 196mm
Package Dimensions (mm)	609 x 436 x 257mm



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[e: hello@badgerpowerelectronics.com](mailto:hello@badgerpowerelectronics.com)