



# PowerDepot H5B

## ENERGY STORAGE SOLUTIONS

LiFePO4 chemistry battery with safe performance and longer cycle life, offers you various capacities options to meet different requirements

**APP Monitoring • Various Installations • IP65 Protection • Flexible Expansion**

## Features and Advantages



**APP Monitoring**  
Remote upgrade available



**IP65**  
High protection level



**Expandable**  
Capacity up to 25.6kWh



**High Safety**  
LFP & smart BMS



**Wide Compatibility**  
Matching with leading inverter brands



**More Flexible Installation**  
Wall-mounted or floor-standing outdoor solutions

## Technical Parameters

Model	PowerDepot H5B
Battery Type	LiFePO4
Nominal Battery Energy	5.12kWh
Battery Capacity	100Ah
Nominal Voltage	51.2V
Working Voltage	44.8-57.6V
Max Output Power	5.12kW
Max.Charge/Discharge Current	90A /100A
Peak Power Charge/Discharge Current	105A
Depth of Discharge	90%
Net Weight	55kg
Dimension[W*D*H]	574*228*600mm
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~55°C
Communication	CAN/RS485
Warranty	10 Years
Warranty Document Supplied	Yes
Calendar Life <sup>[1]</sup>	≥6000 Cycles
Protection Level	IP65
Expansion	Up to 5 units in parallel
Color	White
Alarms	Overcharge/Overdischarge/Overcurrent/Overtemperature/Short Circuit
Monitoring & Protection	Each system has smart BMS, breaker embedded in system
Pros	Can be used in both off-grid and hybrid setups, compact design, floor or wall mount
Compatible Inverters	Victron/SMA/Goodwe/Imeon/Solis/SAJ/Growatt/Luxpower/Voltronic/Deye etc.
Certification & Safety Standard	CE/UN38.3/IEC62619/IEC62040

[1]Test conditions:0.2C Charging/Discharging,@25°C,80% DOD