



# PowerDepot H5B

ENERGY STORAGE SOLUTIONS

LiFePO4 chemistry battery with safety performance and longer cycle life, which offers you various capacities to meet more of your requirements

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

## Features and advantages



**APP Monitoring**  
Remote upgrade available



**IP65**  
High protection level



**Expandable**  
Capacity up to 20.48kWh



**High Safety**  
LFP & smart BMS



**Wide Compatibility**  
Matching with leading inverter brands



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

## Technical Parameters

Model	PowerDepot H5B
Battery Type	LiFePO4
Battery Capacity	100 Ah
Nominal Battery Energy	5.12kWh
Nominal Voltage	51.2V
Max Output Power	3.84kW
Net Weight	65kg
Dimension[W*D*H]	574*228*600mm
Working Voltage	44.8~57.6V
Charging Temp. Range	-20-50°C
Discharging Temp. Range	-20-50°C
Communication	CAN / RS485 / RS232
Warranty	10 Years
Warranty Document Supplied	Yes
Calendar Life <sup>[1]</sup>	> 6000 Cycles
Protection Level	IP65
Scalability	Up to 4 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

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