



# PowerDepot

## ENERGY STORAGE SOLUTIONS

LiFePO4 chemistry battery with safe performance and longer cycle life, offering you various capacity to meet your different requirements.

**TUV Certified • CEC Accredited • IP65 Protection • Flexible Expansion**

## Features and Advantages



**IP65**

High protection level



**More Flexible Installation**

Wall-mounted or floor-standing outdoor solution



**Expandable**

Capacity up to 24kWh



**High Safety**

LFP & smart BMS



**Wide Compatibility**

Matching with leading inverter brands



**Wide temperature**

Range of -20~55°C

## Technical Parameters

Model	PowerDepot	
Battery Type	LiFePO4	
System Model	H2.5	H5
Battery Capacity	50Ah	100Ah
Nominal Battery Energy	2.4kWh	4.8kWh
Max Output Power	2.4kW	4.8kW
Net Weight	44kg	65kg
Nominal Voltage	48V	
Working Voltage	42-54V	
Depth of Discharge	90%	
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, modular expansion	
Compatible Inverters	Victron/SMA/Goodwe/Imeon/Solis/SAJ/ Growatt/Luxpower/Voltronic/Deye etc.	
Certification & Safety Standard	TUV/CE/UN38.3/CEI-021	

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