

DYNESS
ENERGY STORAGE SYSTEM

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Power Depot



Features and advantages

- Safest LiFePO4 rechargeable battery
- Higher usable energy ratio, less self consumption
- 1/3 weight of equivalent capacity Lead-Acid battery
- Plug and Play, quick installation, up to 3 unit parallel
- Wide temperature range of -20~50°C
- Contains no toxic heavy metals or caustic materials





SPECIFICATION

Model	PowerDepot	
Battery Type	LiFePO4	
Battery Module	H2.5	H5
Battery Capacity [Ah]	50	100
Nominal Battery Energy [kWh]	2.4	4.8
Max Output Power [kW]	2.4	4.8
Net Weight [Kg]	44	65
Dimension [H*W*D, mm]	574*228*600	
Working Voltage [V]	40.5~54	
Operating Temp. Range [°C]	-20~50	
Calendar Life [Cycles] ^[1]	6000	
Nominal Voltage [V]	48	
Protection Level	IP65	
Communication	CAN / RS485 / DRY CONTACT	
Certification & Safety Standard	CE / UN38.3	
Scalability [kWh]	Up to 4 units to parallel	
Compatible Inverters	Goodwe Victron Imeon Solis Luxpower Growatt GMDE Sofar Voltronic Deye More brands will be announced	
Warranty	10 Years	
Warranty Document Supplied	Yes	
Color	White	
Alarms	Overcharge Overdischarge Overcurrent Overtemperature Short Circuit	
Pros	Can be used in both off-grid and hybrid setups, compact design, modular expansion	
Monitoring & Protection	Each module has BMS, breaker embedded in system	

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