



Store Energy, Save The Planet



Address: A9, Software new city 2, 156# Tiangu 8th road,
High-tech zone, Xi'an, Shaanxi, China, 710065
Tel: +86 029 89540338 | Mobile: +86 176 9134 2988
Email: sales@dyness.net | Web: www.dyness.net

DYNES
ENERGY STORAGE SYSTEM



Dyness Battery

LiFePO4 Energy Storage System



Dyness Powerbox

【Powerbox】

Adopts LiFePO4 chemistry battery with safety performance and long life time, which offers you four capacities to meet your more requirements.

TUV Certified · CEC Accredited · IP65 Protection · Flexible Expansion



Features and advantages

- Compact Size & Light Weight
- High Power Output & Usable Energy Ratio
- Modular Design & Expandable System
- Safest Battery & Perfect Compatibility
- Natural cooling & Easy Installation
- Certifications Available



SPECIFICATION

Model		Powerbox			
Battery Type		LiFePO4			
Battery Module		1 Module	2 Modules	3 Modules	4 Modules
Battery Capacity [Ah]		50	100	150	200
Nominal Battery Energy [kWh]		2.4	4.8	7.2	9.6
Max Output Power [kW]		2.4	4.8	4.8	4.8
Peak Output Current [Amp]		100, 1s	200, 1s	200, 3s	200, 3s
Net Weight [Kg]		47	69	91	113
Dimension [H*W*D, mm]		928*555*210			
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		TUV/CE/EN62619/IEC62040/UN38.3/CEC Accredited			
Scalability [kWh]		Up to no limit			
Compatible Inverters		Goodwe Victron Ineon Solis Luxpower Growatt GMD5 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