

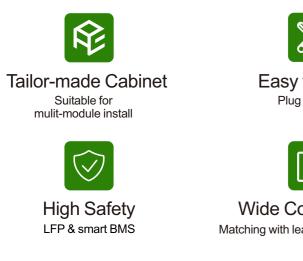


Powerbox

ENERGY STORAGE SOLUTIONS

LiFePO4 chemistry battery with safety performance and longer cycle life, which offers you various capacities to meet more of your requirements. **TUV Certified • CEC Accredited • IP65 Protection • Flexible Expansion**

Features and advantages



+86 029 8954 0338



Plug and play



Wide Compatibility Matching with leading inverter brands

www.dyness-tech.com.cn





Wide Working Temperature Range of -20~50°C

Sales@dyness-tech.com

Technical Parameters

Model		Powerbox			
Battery Type		LiFePO4			
System Model	F-2.5 1 Module	F-5.0 2 Modules	F-7.5 3 Modules	F-10.0 4 Modules	
Battery Capacity	50Ah	100Ah	150Ah	200Ah	
Nominal Battery Energy	2.4kWh	4.8kWh	7.2kWh	9.6kWh	
Max Output Power	2.4kW	4.8kW	4.8kW	4.8kW	
Net Weight	47kg	69kg	91kg	113kg	
Nominal Voltage		48V			
Dimension[W*D*H]		555*210*928mm			
Working Voltage	42~54V				
Charging Temp. Range	-20-50°C				
Discharging Temp. Range	-20-50°C				
Communication		CAN/RS485			
Warranty	10 Years				
Warranty Document Supplied		Yes			
Calendar Life ^[1]	>6000 Cycles				
Protection Level	IP65				
Scalability	Up to 4 units in parallel				
Color	White				
Alarms	Overcharge/Overdischarge/Overcurrent/ Overtemperature/Short Circuit				
Monitoring & Protection	Eac	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/EN62619/IEC62040/UN38.3/ CEC Accredited/UL1973/CEI-021			

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







