





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



Tailor-made Cabinet
Suitable for
mulit-module install



Easy to Install
Plug and play



Expandable
Up to 4 units in parallel



High Safety
LFP & smart BMS



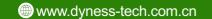
Wide Compatibility

Matching with leading inverter brands



Wide Working Temperature
Range of -20~50°C







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	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

Power You Day and Night







