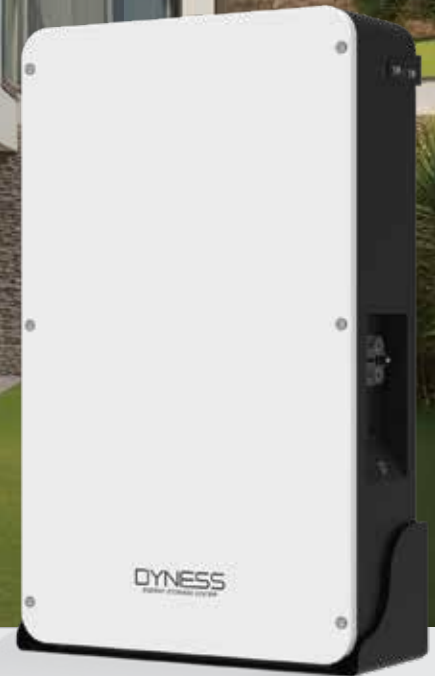


Powerbox

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



Tailor-made Cabinet
Suitable for
multit-module installation



Wide Temperature
Range of -20~55°C



Easy to Install
Plug and play



High Safety
LFP & smart BMS



Wide Compatibility
Matching with leading inverters



Expandable
Capacity up to 48kWh

Technical Specifications

Model	Powerbox			
Battery Type	LiFePO4			
System Model	Powerbox F-2.5	Powerbox F-5.0	Powerbox F-7.5	Powerbox F-10.0
Nominal Capacity	50Ah	100Ah	100Ah	200Ah
Nominal Battery Energy	2.4kWh	4.8kWh	7.2kWh	9.6kWh
Usable Energy	2.28kWh	4.56kWh	6.84kWh	9.12kWh
Max Output Power	2.4kW	4.8kW	4.8kW	4.8kW
Net Weight	47kg	69kg	69kg	113kg
Nominal Voltage	48V			
Dimension[W*D*H]	555*210*928mm			
Working Voltage	42-54V			
Charging Temp. Range	0~55°C			
Discharging Temp. Range	-20~55°C			
Recommended Depth of Discharge (DOD)	90%			
Communication	CAN/RS485			
Cycle Life ^[1]	≥6000 Cycles			
Protection Level	IP65			
Expansion	Up to 5 units in parallel			
Color	White			
Safe & Protection	Each system has smart BMS, breaker embedded in system			
Alarms	Overcharge/Over-discharge/Overcurrent/Overtemperature/Short Circuit			
Pros	Can be used in both off-grid and hybrid setups, compact design, modular expansion			
Certification & Safety Standard	TUV/CE/EN62619/IEC62040/UN38.3/CEC Accredited/UL1973/CEI-021			
Compatible Inverters	Victron/SMA/Goodwe/Imeon/Solis/SAJ/Growatt/Luxpower/Voltronic/Deye etc.			

[1]Test conditions: 0.2C Charging/Discharging, @25°C, 90% DOD