



Powerbox Pro

ENERGY STORAGE SOLUTIONS

LiFePO4 chemistry battery with safe performance and longer cycle life, offers you various capacities options to meet different requirements.

APP Monitoring • Various Installation • IP65 Protection • Flexible Expansion

Features and Advantages



APP Monitoring
Remote upgrade available



Easy to Install
Plug and play



Expandable
5 systems in parallel with a capacity of up to 51.2kWh



High Safety
LFP & smart BMS



Wide Compatibility
Matching with leading inverter brands



IP65
High protection level

Technical Parameters

Model	Powerbox Pro
Battery Type	LiFePO4
Nominal Battery Energy	10.24kWh
Nominal Capacity	200Ah
Nominal Voltage	51.2V
Working Voltage	44.8-57.6V
Max Output Power	5.12kW
Max.Charge/Discharge Current	100A
Peak Power Charge/Discharge Current	200A(15s)
Depth of Discharge	90%
Net Weight	103kg
Dimension[W*D*H]	555*210*928mm
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~55°C
Communication	CAN/RS485/RS232
Warranty	10 Years
Warranty Document Supplied	Yes
Calendar Life ^[1]	≥6000 Cycles
Protection Level	IP65
Expansion	Up to 5 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	CE/UN38.3/IEC62619/IEC62040

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