

10kWh LiFePO4 Battery

10kWh Floor stand LiFePO4 battery, designed for residential energy storage, stylish design and Supports wall-mounted installation.



▲ This picture is for reference only



Wide Applications
Off-grid, Hybrid, Back-up, Peak Shaving, and
Virtual Power Plant
Home Appliances, Uninterrupted Power
Supply



Long cycle life
Up to 6000 cycles



Intelligent battery management system
High reliability BMS, 10 years tested.
Accurate & Stable



Powered by EVE cells



Compatible with leading inverters



Fire protection function

Item	Parameter
Nominal Voltage	51.2V
Working voltage	43.2-57.6V
Nominal Capacity	10kWh
Communication	CAN/RS232/RS485
Resistance	≤45 mΩ @ 50% SOC
Efficiency	> 96%
Scalability	Up to 15Units ,Suggest 8 Units Max
Alarms	Over Charge/Over Discharge/Over Current/Over Temperature/Short Circuit
Monitoring and Protection	Each Battery has Smart BMS, Breaker
Recommended Charge Current	100A
Max Charge current	150A
Recommended Charge Voltage	58.4V
Balancing Starting Voltage	3.4V/Cell
Charging and discharging power	6KW (for single module)
Max Continuous Discharge Current	150A
Peak Discharge Current	160A (1s , 1-5s settable)
BMS Discharge Cut-off current	200A (100ms, 100-500ms settable)
BMS Discharge Cut-off Voltage	43.2V (1s) (2.7V/Cell)
Recommended Discharge DOD	90%
Dimensions (L*W*H)	700*620*170mm
Reference Weight	89Kg
Terminal Type	Screw Connector
Case Material	SPCC
Protection Class	IP20
Discharge Temperature	-20-60℃
Charge Temperature	0-45℃
BMS High Temperature Cut-off	65℃
Compatible Inverters	DEYE /Afore /MEGAREVO/SOLIS/Growatt /LUXPOWER/Voltronics/Goodwe/SMA/Victron/SOROTEC/MUST/etc.
Certification	CE/UN38.3/MSDS /RoHs