

15kWh LiFePO4 Battery

15kWh LiFePO4 battery, designed for residential energy storage, Floor stand design with wheels .



▲ This picture is for reference only



Long cycle Life
Cycle times up to 6000+



Local service
Local team provides comprehensive services



Intelligent battery management system
High reliability BMS.



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	15kWh
Communication	CAN/RS485
Resistance	≤45 mΩ @ 50% SOC
Efficiency	> 96%
Cycle life	6000cycles@80%DoD
Recommended Charge Current	75A
Max Charge current	120A
Recommended Charge Voltage	57.6V
BMS Charge Cut-off Voltage	57.6 V (3.6V/Cell)
Balancing Starting Voltage	3.4V/Cell
Charging and discharging power	6KW (for single module)
Max Continuous Discharge Current	150A
Peak Discharge Current	210 A (1s)
BMS Discharge Cut-off Voltage	44.8V (2.8V/Cell)
Dimensions (L*W*H)	690*580*240mm
Reference Weight	120KG
Temrinal Type	Screw Connector
Case Material	SPCC
Protection Class	IP20
Discharge Temperature	-20-60 °C
Charge Temperature	0-45 °C
BMS High Temperature cut-off	65 °C
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
Compatible Inverters	DEYE /SOLIS/Growatt /LUXPOWER/Voltronics/Goodwe/SMA/Victron/ MEGAREV/SOROTEC/MUST/Solon/Senergy
Certification	CE/UN38.3/MSDS/RoHS