

## 5kWh LiFePO4 Battery

5kWh LiFePO4 battery, designed for residential energy storage, Wall mounted design .



▲ 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	5.12kWh
Communication	CAN/RS485
Resistance	≤45 mΩ @ 50% SOC
Efficiency	> 96%
Cycle life	6000cycles@80%DoD
Recommended Charge Current	75A
Max Charge current	100A
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	5KW (for single module)
Max Continuous Discharge Current	100A
Peak Discharge Current	110 A (1s)
BMS Discharge Cut-off Voltage	44.8V (2.8V/Cell)
Dimensions (L*W*H)	480*460*145mm
Reference Weight	47KG
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/IEC62619/CB