16kWh LiFePO4 Battery

16kWh LiFePO4 battery, designed for residential energy storage, stylish design .



▲ This picture is for reference only

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

Local service
Local team provides comprehensive services

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

Support a variety of communication protocols, support RS485, RS232, CAN

Compatible with leading inverters

In the extreme performance safety test, the battery will not catch fire, explode, leak, and be safe to use.

Item	Parameter
Nominal Voltage	51.2V
Working voltage	43.2-57.6V
Nominal Capacity	314AH
Energy	16076.8WH
Communication	CAN/RS485
Resistance	≤45 mΩ @ 50% SOC
Efficiency	＞ 96%
Module parallel	Up to 15 packs
Recommended Charge Current	75A
Max Charge current	120A
Recommended Charge Voltage	57.6V
BMS Charge Cut-off Voltage	58.4 V (3.65V/Cell)
Balancing Starting Voltage	3.4V/Cell
Max Continuous Discharge Current	150A
Peak Discharge Current	160 A (1s)
BMS Discharge Cut-off Voltage	43.2V (1s) (2.7V/Cell)
Recommended Discharge DOD	90%
Dimensions (L*W*H)	690*580*240mm
Reference Weight	123KG
Temrinal Type	Screw Connector
Case Material	SPCC
Protection Class	IP21
Discharge Temperature	-20-60 ℃
Charge Temperature	0-45 ℃
Storage Temperature	10-25 ℃
BMS High Voltage Cut-off	65 V
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/SUNWAVE etc.