

15kWh LiFePO4 Battery

15kWh wall-mounted 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, using high-quality LiFePO4 Cells, the cycle life is as high as 6000 times



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.

Product advantages

A Type of deep cycle and high capacity LFP battery with improved safety, long lifespan, and Worry-free user experience. Using Fully New A grade LiFePO4 Cells ,and fully quality inspected before shipment , battery lifespan can be over 10 years.Built in intelligent and reliable BMS, Support all-round monitoring of battery status, Multiple protections to ensure the safety for every user . With 15kWh for a single unit and max. 8 units in parallel upto 120kWh energy storage capacity , it can meet most of the household electricity demand. Get ready with our battery for a fully charged life .

Product Certification

● UN38.3 ● MSDS ● CE-EMC

Company certification

● ISO 9001 ● ISO 14001 ● ISO45001 ● IATF16949

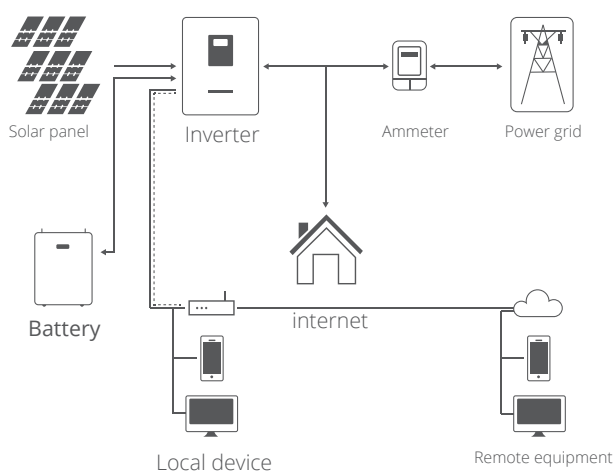
Product Applications

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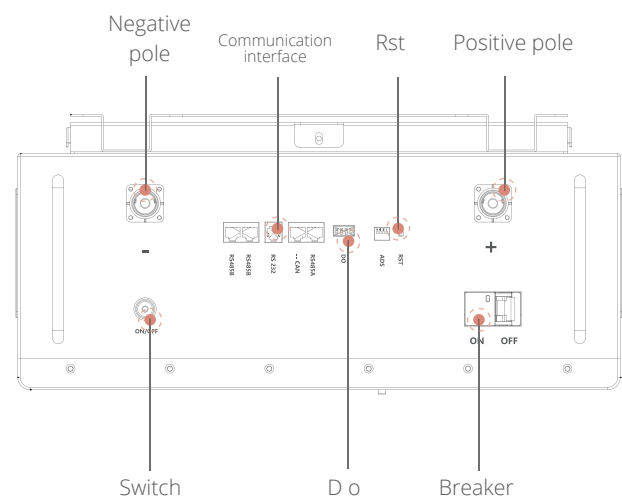


Application system

HOME ENERGY STORAGE BATTERY APPLICATION SYSTEM



Panel definition



Item	Parameter
Nominal Voltage	51.2V
Working voltage	43.2-57.6V
Nominal Capacity	300AH
Energy	15360WH
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)
Cycle Life	>6000 25°C ,0.5C/0.5C, 90%DOD and 70% EOL
Dimensions (L*W*H)	690*580*240mm
Reference Weight	120KG
Temrinal Type	Screw Connector
Case Material	SPCC
Protection Class	IP21
Discharge Temperature	-20-60 °C
Charge Temperature	0-45 °C
Storage Temperature	10-25 °C
BMS High Voltage 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
Certification	CE/UN38.3/MSDS

Compatible Inverters

