10kWh Wall-mounted LiFePO4 Battery

10kWh 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

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.

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 10kWh for a single unit and max. 15 units in parallel upto 150kWh 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
- OHSAS 18001
- IATF16949

Product Applications

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

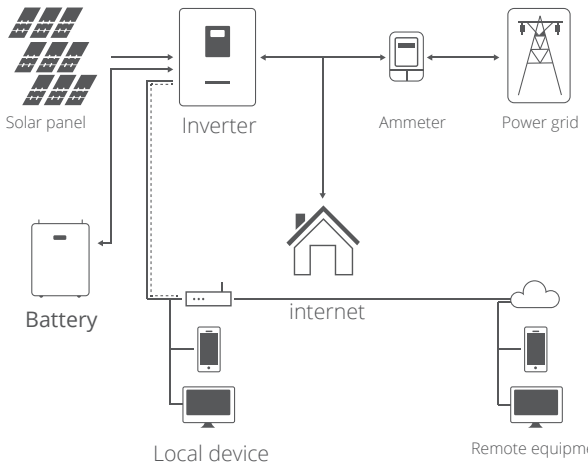




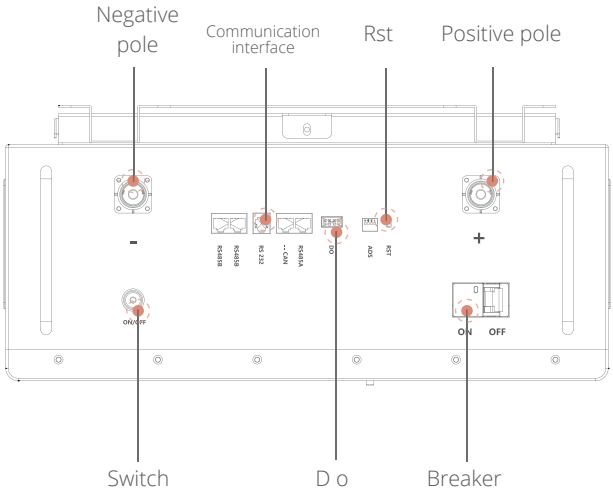


Application system

HOME ENERGY STORAGE BATTERY APPLICATION SYSTEM



Panel definition



Item	Parameter
Nominal Voltage	51.2V
Working voltage	43.2-57.6V
Nominal Capacity	200Ah
Energy	10240Wh
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	75A
Max Charge current	100A
Recommended Charge Voltage	57.6V
BMS Charge Cut-off Voltage	58.4V (3.65V/Cell)
Balancing Starting Voltage	3.4V/Cell
Compatible Inverter Power	5KW(for single module)
Max Continuous Discharge Current	100A
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)	"675*485*190mm "
Reference Weight	202.4lbs(92Kg)
Terminal Type	Quick Connector
Case Material	SPCC
Protection Class	IP21
Discharge Temperature	-20-60℃
Charge Temperature	0-45℃
Storage Temperature	10-30℃
BMS High Voltage Cut-off	65℃
Compatible Inverters	DEYE /Afore /MEGAREVO/SOLIS/Growatt /LUXPOWER/Voltronics/Goodwe/ SMA/Victron/SOROTEC/MUST/etc.
Certification	CE/UN38.3/MSDS

WeChat Official Account

WhatsApp

ADDRESS:

7 Baodong Road, Kengzi Street, Pingshan District , Shenzhen

Room 803, Building 3, Shenzhen New Generation Industrial Park, Futian District, Shenzhen

E-MAIL: info@haileienergy.com

TEL: 0755-29471682

HaiLei®

COMPANY:

Shenzhen HaiLei New Energy Co., Ltd.

Shenzhen HaiLei Energy Storage Co., Ltd.