

Battery cabinet



Description

The Battery Cabinet is a cabinet energy storage system designed for multi-application. The whole system consists of standard 19 inch 48V 50Ah modules, and each module is independent and removable. LiFePO₄ cell and build-in intelligent BMS ensure that the system has higher safety and higher reliability. Moreover, it benefits from concise appearance design, multiple communication interfaces, and easy installation.

Features

- Long Service Life: service life up to 10 years
- High Compatibility: Compatible with a wide range of inverter brands
- Proven Safety: Intelligent BMS and lithium iron phosphate cells ensure system with highest safety
- Easy installation: Modular design allows easier and faster installation, and low maintenance.
- Low noise: Self-cooling with low noise.

Applications

- Solar energy storage

- Shopping and entertainment center
- Hospital, bank, airport, power plant
- Data center, telecommunications room power, UPS backup battery

Product Parameters:

Cabinet Type	MEMS SERLES
Battery Type	LiFePO4
Depth of Discharge	90%
Battery Installation Capacity	6.4kWh/ 12.8kWh/ 19.2kWh
Available Capacity of Batteries	6kWh/ 12kWh/ 18kWh
Nominal Voltage	48V
Operating Voltage Range	40.5V ~ 54.75V
Standard Charging Current	50A
Standard Discharging Current	50A
Max Continuous Output Power	9.6kW
Cycle Life	≥ 2000 times
Communication	RS232/RS485/CAN
Scalability	Up to 3
Operation Temperature Range	Charge: 0°C ~ 60°C Discharge: -20°C ~ 60°C
Operating Ambient Humidity	15%~85%
Size	L755 x W600 x H533mm
Weight	150kgs
Output Power	5000W
Max Input Power of Photovoltaic	2000W
Max Input Voltage of Photovoltaic	240Vdc
Max Input Current of Photovoltaic	10A
Product Warranty	3 Years

Payment

1. We accept T/T , PAYPAL , Western Union, Cash and so on. & Trade assurance order
2. Payment: 30% before mass production;70% balance will be paid before shipment or after bill of copy
3. FOB , EXW and CIF all are available
4. Samples can accept PayPal
5. If you place the Trade Assurance order on Alibaba, we also can accept credit card (VISA, Master Card), e-checking.

Warnings

To prevent the possibility of the battery from leaking, heating, fire, Please READ this specification carefully before usage and observe the following precautions:

- ◎When recharging, use the LiFePO₄ battery charger specifically for that purpose
- ◎Do not strike battery with any sharp edge parts, such as Ni-tabs, pins and needles
- ◎Do not immerse the battery in water and seawater
- ◎Do not use and leave the battery near a heat source as fire or heater
- ◎Do not reverse the position and negative terminals
- ◎Do not connect the battery to an electrical outlet
- ◎Do not discard the battery in fire or heat it
- ◎The battery tabs are not so stubborn especially for aluminum tab. Do not bend tab.
- ◎Do not short-circuit the battery by directly connecting the positive and negative terminal with metal object.
- ◎Do not transport and store the battery together with metal objects such as necklaces, hairpins etc.
- ◎Do not directly solder the battery and pierce the battery with a nail or other sharp object.

Product Pictures





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