

# Disassembly diagram of household energy storage battery box

How do you dispose of a battery system?

Disposal of the system must comply with the local applicable disposal regulations for electronic waste and used batteries.

- o Do not dispose of the battery system with your household waste.
- o Avoid exposing the batteries to high temperatures or direct sunlight.
- o Avoid exposing the batteries to high humidity or corrosive atmospheres.

What is a 48v battery storage system?

It is a 48V Li-ion battery storage system, with the control module on itself. It could be operated in on-grid and off-grid modes with compatible inverters. The battery system could be connected to the Internet through network cable for maintenance and firmware updating. The battery system must only be used as stationary equipment.

How should a battery module be stored?

The battery module should be stored in an environment with a temperature range between -10°C and 50°C, and charged regularly according to the table below with no more than 0.5 C (A C-rate is a measure of the rate at which a battery is discharged relative to its maximum capacity. ) to the SOC of 40% after a long time of storage.

What should I do if a battery module is not grounded?

Keep dry. Keep the battery modules away from open flame or ignition sources. Beware of electrical voltage. Beware of a danger zone This symbol indicates that the system must be additionally grounded if additional grounding or equipotential bonding is required at the installation site. Shenzhen BYD Electronic Co., LTD

What are the requirements for installation of a battery system?

5.1. Requirements for Installation 5.1.1. Requirements for Installation Location

- a) A solid support surface must be available (e.g., concrete or masonry).
- b) The installation location must be inaccessible to children.
- c) The installation location must be suitable for the weight and dimensions of the battery system.

How do I install a new battery module?

Procedure:

1. Shut off the inverter.
2. Switch off the battery system.
3. Switch off the breaker between the inverter and the battery system if there is any.
4. Add the new module on top of other battery modules.
5. Switch on the breaker between the inverter and the battery system if there is any.
6. Switch on and configure the battery system.

The inverter, battery packs and the electricity meters make up a system for optimization of self-consumption for a household. The inverter can achieve bidirectional transfer between AC ...



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48V100Ah - Energy Storage Lithium Battery Module - User Manual Schematic diagram of battery parallel installation Note: The battery should be turned off during installation. After installation, ...

View and Download BYD B-Box H series user manual online. Energy Storage System. B-Box H series audio & video accessories pdf manual download. Also for: B-box h 9.0, B-box h 7.7, B-box h 11.5, B-box h 10.2, B-box h 6.4.

It is applied to the household energy storage field and works together with high-voltage inverter, to realize the energy storage and release. Page 8: B-Box Hv Definitions 3.2 B-Box H Definitions ...

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Web: <https://inmab.eu/contact-us/>

Email: [energystorage2000@gmail.com](mailto:energystorage2000@gmail.com)

WhatsApp: 8613816583346

