



New energy lithium battery cabinet installation

How to mount a battery pack to a wall?

It is recommended to mount the battery pack to a wall. Make sure to leave a space of at least 2.18 inches between the battery pack and the wall. 1. Fasten the screws through the mounting brackets into the holes of the battery pack on its both sides. 2. Secure the mounting brackets to the wall with screws. 3.

How should a fortress lithium battery be stored?

Do not expose battery to high temperatures. Fortress Lithium Batteries should be stored out of direct sunlight under the following temperature conditions. Systems should be put into storage at 60% SOC and checked monthly to ensure the system SOC does not fall below 20%. At 20% SOC the battery will self-discharge in approximately 2 months.

Can a charge controller drain a fortress lithium battery?

The charge controllers and inverter monitoring systems can drain the Fortress Lithium Batteries over an extended period when the entire system is not fully operational due to the electrical draw of the system components.

Can a fortress lithium battery be connected in parallel?

Fortress Lithium Batteries with the same capacity may be connected in parallel for up to 2 units only. All wires should be an appropriate gauge and constructed to handle the loads that will be placed upon it. Heavy gauge, high strand copper wire is the industry standard due to its stability, efficiency and overall quality.

How do I test the fortress lithium battery?

GRID TIED SYSTEMS: Once the Fortress Lithium Battery has been installed, turn on the entire system to test. Once testing has been completed, please disconnect the batteries from the load center until your local Utility Inspector is ready to turn on the entire system.

How do I connect a battery to an inverter/charger?

The left-hand stud resides in a black high temperature insert. This connection is for the negative lead. 10mm ring terminals along with proper size wiring cables are required to connect battery to inverter/charger. Do not reverse polarity, doing so will void warranty. Use a volt meter to check polarity before connecting terminals.

Galaxy Lithium-ion Battery Cabinet Installation and Operation Manual Date: 30 August 2023 | Type: User guide Languages: English | Version: V5

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