



Energy storage base station battery instructions

Who can install SIGEN stack energy storage system?

Release Date: 2025-04-18 SigenStack Energy Storage System Installation Guide 1

- o Only trained or qualified persons with electrical engineering knowledge can work directly on the equipment.
- o Operators should be familiar with national and local laws, regulations, and standards, and the compositions and operating principles of relevant systems.

How do I secure the battery rack?

Secure the battery rack.

- o Please prepare a lifting plan according to the actual situation and use a lifting rope that meets the load-bearing requirements. When lifting, please ensure that the equipment is secured tightly without the risk of falling.

How to install BC/BC -BST inverter?

1. Place the BC/BC -BST disconnecting switch in the ON position. 2. Power on the inverter by referring to the Installation Guide for the respective model. 3. Check the indicator status of the BC/BC -BST. The indicator correctly indicates the real-time power and status of the battery rack.

Color	Status	Meaning
		The energy storage system is dormant.

How many batteries can be connected to a SIGEN stack inverter?

SigenStack BAT 12.0 6 SigenStack Base SUB-0.5C/1C

- o 4 to 21 batteries can be connected to each inverter.
- o 1 to 7 batteries can be mounted onto both Main Stack and Sub Stack.
- o Base MAIN works with BC-BST or BC, and Base SUB works with Cover.

What should the installation base look like?

Installation Base

- o The installation base should be flat, and the installation area should meet the installation space requirements.
- o No plumbing or electrical alignments should be inside the installation base to avoid potential drilling hazards during equipment installation.
- o The equipment base is made of aluminum.



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