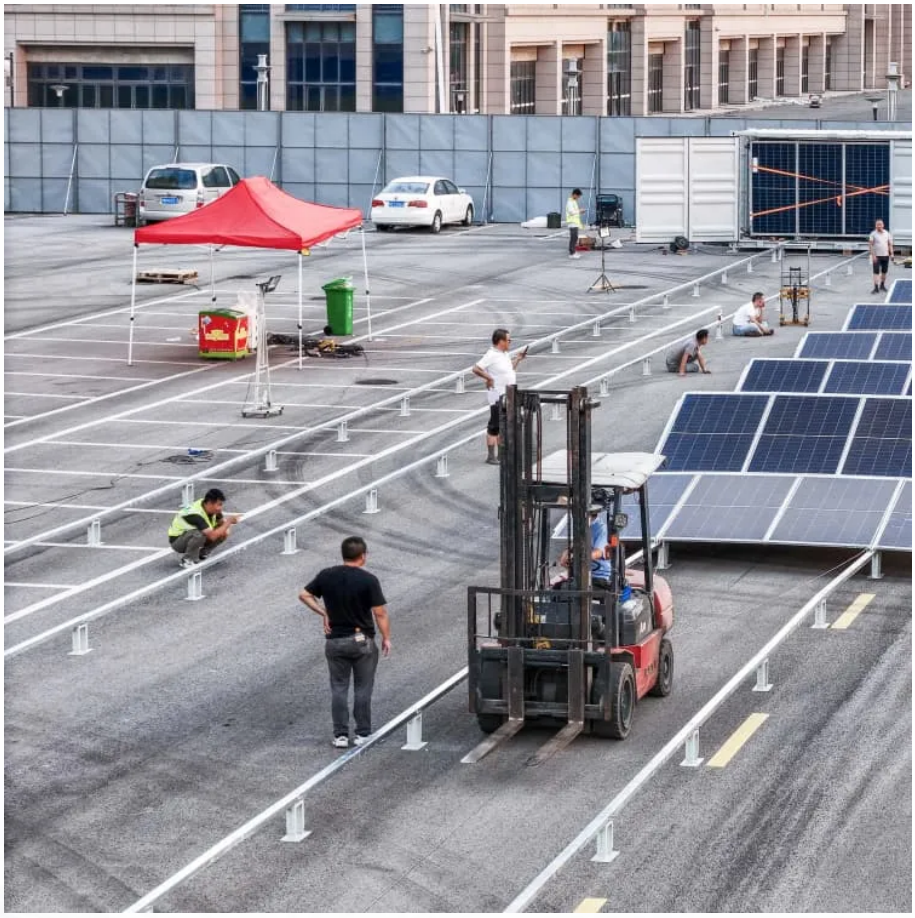
EIEI POWER

PV inverter parameter adjustment



Overview

How do I change the parameter settings of the inverter?

Change the parameter settings as described in the user manual for the device or the software. In the first 10 operational hours you can set the inverter types SB 3000TL-20 / 4000TL-20 / SB 5000TL-20 using the rotary code switch to island grid/backup operation ("off-grid").

How do I change the grid parameters in the PV inverter?

For changing the grid relevant parameters in the PV inverter you need a special access code, the installer code. To obtain your personal code, contact the Sunny Island Hotline by calling +49 561 9522 399 or sending an e-mail to SunnyIsland.Service@SMA.de. Change the parameter settings as described in the user manual for the device or the software.

What are inverter settings?

Inverter Settings 1. To set output voltage of inverter - This is normally 230 Vac. Possible values 210V ~ 245V. 2. Used to enable/disable the internal ground relay functionality. Connection between N and PE during inverter operation. - The ground relay is useful when an earth-leakage circuit-breaker is part of the installation.

How to choose a PV inverter?

When selecting an inverter, it is essential to ensure that its maximum DC current specification meets the requirements of thin-film modules. The current of each MPPT-connected PV string should remain below the inverter’s DC current limit to prevent overcurrent damage.

PV inverter parameter adjustment

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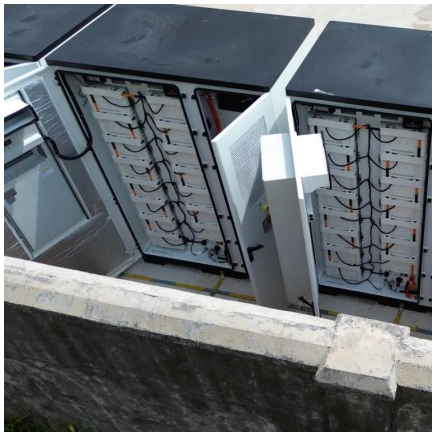

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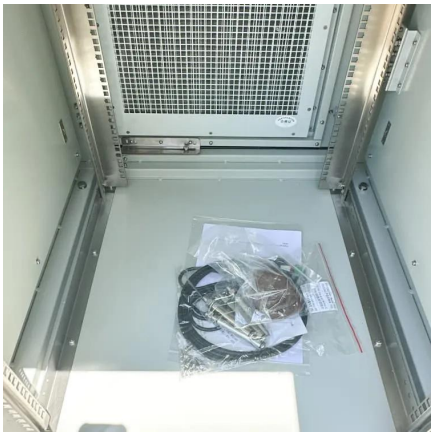

9. Inverter Settings

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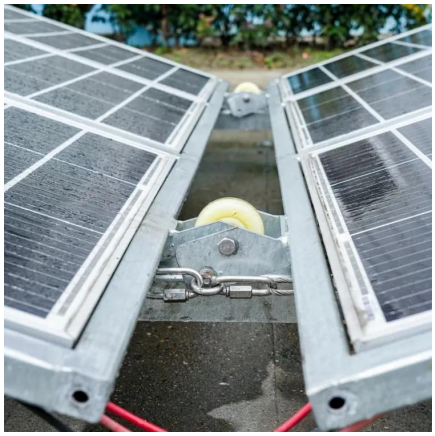

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