

3-phase Hybrids-FAQ

How to correctly replace a 3-phase Hybrid inverter

Applicable to: SHxxRT series

1. Check the total Feed-in and Purchased Energy, common parameters and advanced parameter settings of the original inverter on iSolarCloud and save the screenshot.

SH10RT(COM1-001)_001_001

Plant Name: Sungrow SH10RT Device Model: SH10RT

General Information

Active Fault

Fault History

Chart

Total Battery Charging Energy from PV

1.183 MWh

Battery Charging Power

4.339 kW

Battery Discharging Power

0 W

Battery Capacity(kWh)

10 kWh

Grid Information

Daily Feed-in Energy

0 kWh

Total Feed-in Energy

2.134 MWh

Daily Purchased Energy

0 kWh

Total Purchased Energy

3.642 MWh

Purchased Power

7 W

Total Export Active Power

0 W

Daily Feed-in Energy (PV)

0 kWh

Total Feed-in Energy (PV)

2.162 MWh

Load Information

Daily Load Energy Consumption

6.7 kWh

Total Load Energy Consumption from PV

1.015 MWh

Total Load Active Power

391 W

Total Load Energy Consumption

5.794 MWh

Daily Load Energy Consumption from PV

0.8 kWh

Daily Self-consumption Rate

18.2 %

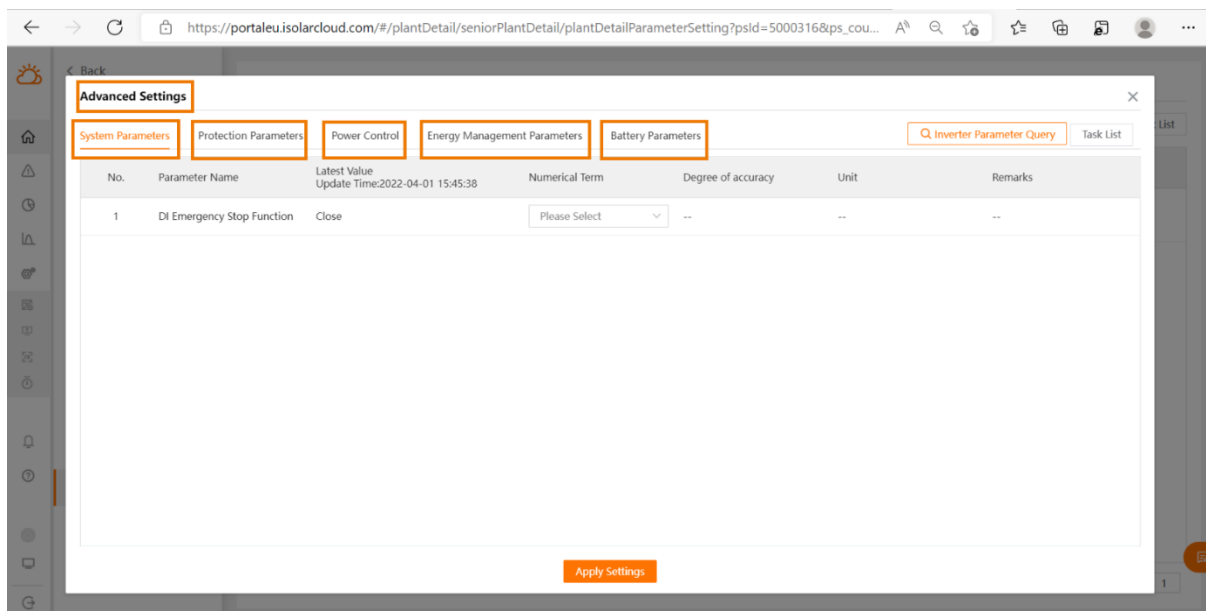
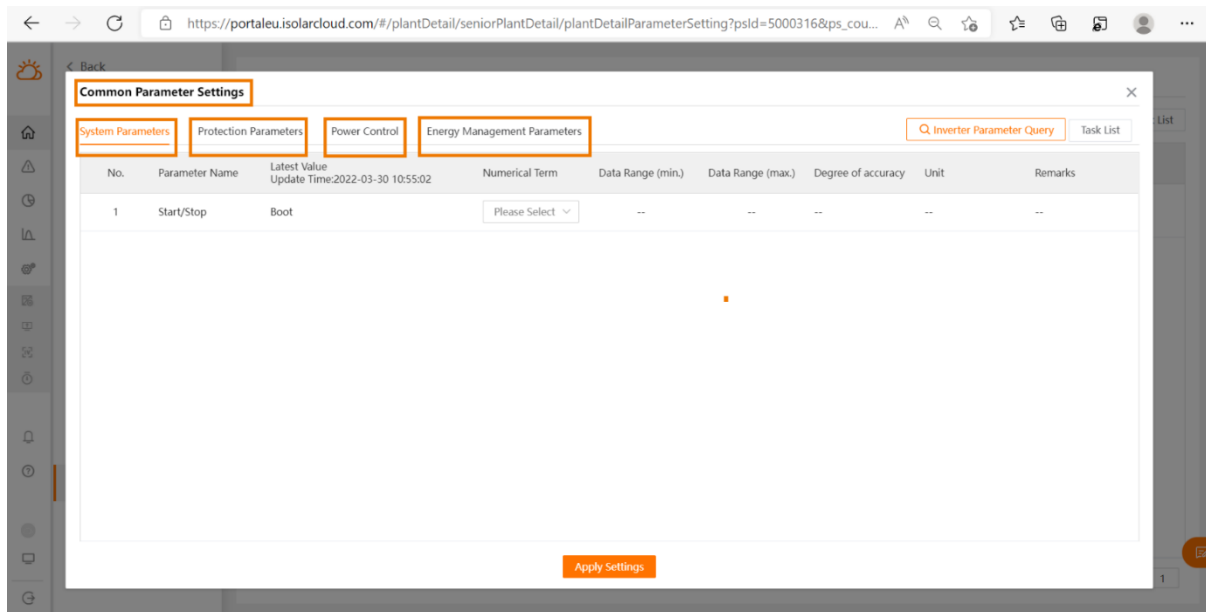
Other Information

Running State

On-grid Operation

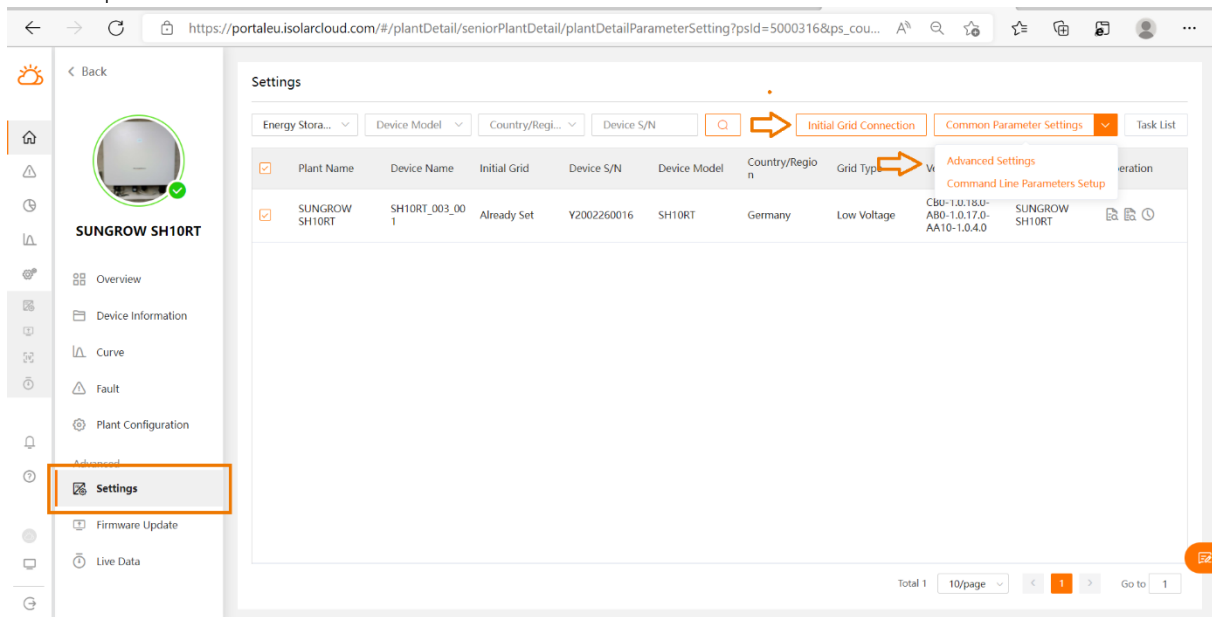
Device Information

The screenshot displays the iSolarCloud web interface for a Sungrow SH10RT inverter. The left sidebar contains navigation links, with 'Settings' highlighted. The main panel shows the 'Settings' page for a specific device. At the top, there are tabs for 'Energy Storage', 'Device Model', 'Country/Region', 'Device S/N', 'Initial Grid Connection', 'Common Parameter Settings', and 'Task List'. Below these, a table lists the device's configuration details. The 'Advanced Settings' dropdown menu is open, showing options like 'Advanced Settings' and 'Command Line Parameters Setup'. The table entry for the device 'SUNGROW SH10RT' shows it is 'Already Set' and provides details on its S/N, model, and location.

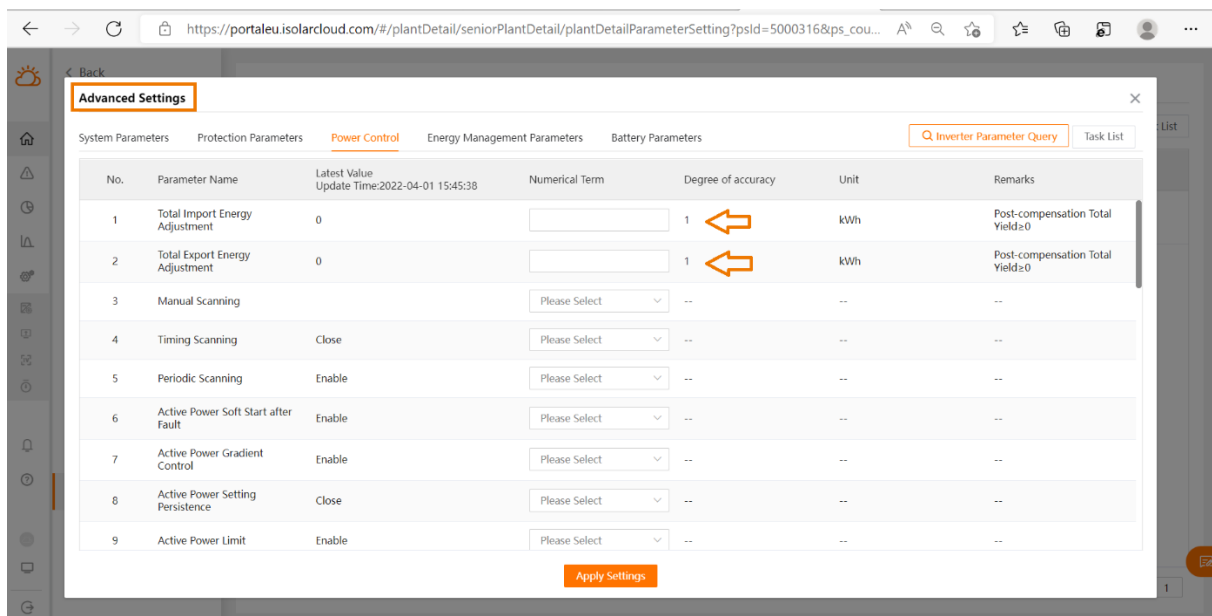


- When the inverter is changed, on iSolarCloud, you can create a new plant or use the original plant according to the customer's demand.

- Set Grid code, common and advanced parameters according to your previous screenshots.



- Make sure, you set Import (Total Purchased Energy)/Export (Total Feed-in Energy) Energy Adjustment, according to your previous screenshots. If the power generation compensation is not carried out, the power generation data on iSolarCloud will show anomaly.



To delete the replaced inverter from iSolarCloud, please contact SUNGROW Service.

For further information, please download the user manual [here](#).

This manual is intended for professional technicians who are responsible for installation, operation, maintenance and troubleshooting of inverters, and users who need to check inverter parameters. The inverter must only be installed by professional technicians.

The professional technician is required to meet the following requirements:

- Know electronic, electrical wiring and mechanical expertise, and be familiar with electrical and mechanical schematics.
- Have received professional training related to the installation, commissioning and troubleshooting of electrical equipment.
- Be able to quickly respond to hazards or emergencies that occur during installation, commissioning and troubleshooting.
- Be familiar with local standards and relevant safety regulations of electrical systems.
- Read this manual thoroughly and understand the safety instructions related to operations.