

1-phase Hybrids-FAQ

How to correctly replace a 1-phase Hybrid inverter

Applicable to: SHxxRS series

1. Check the **Total Feed-in** and **Purchased Energy, common parameter** 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
Purchased Power	7 W	Total Export Active Power	0 W
		Daily Feed-in Energy (PV)	0 kWh
		Total Purchased Energy	3.642 MWh
		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
Daily Load Energy Consumption from PV	0.8 kWh	Daily Self-consumption Rate	18.2 %
Total Load Active Power	391 W	Total Load Energy Consumption	5.794 MWh
Other Information			
Running State	On-grid Operation		
Device Information			

Repair

https://portaleu.isolarcloud.com/#/plantDetail/seniorPlantDetail/plantDetailParameterSetting?psid=5000316&ps_cou...

Settings

Energy Stora... Device Model Country/Regl... Device S/N Initial Grid Connection Common Parameter Settings Task List

Plant Name	Device Name	Initial Grid	Device S/N	Device Model	Country/Region	Grid Type	Advanced Settings	Command Line Parameters Setup	Operation
SUNGROW SH10RT	SH10RT_003_001	Already Set	Y2002260016	SH10RT	Germany	Low Voltage	CHU-1.0.18.0-AB0-1.0.17.0-AA10-1.0.4.0	SUNGROW SH10RT	

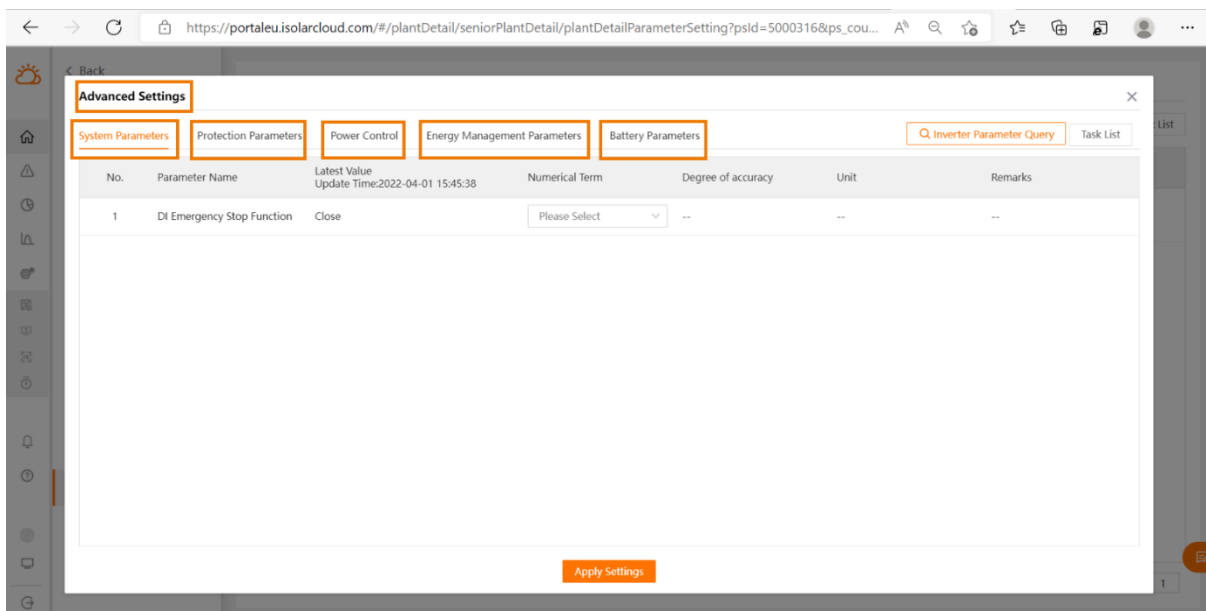
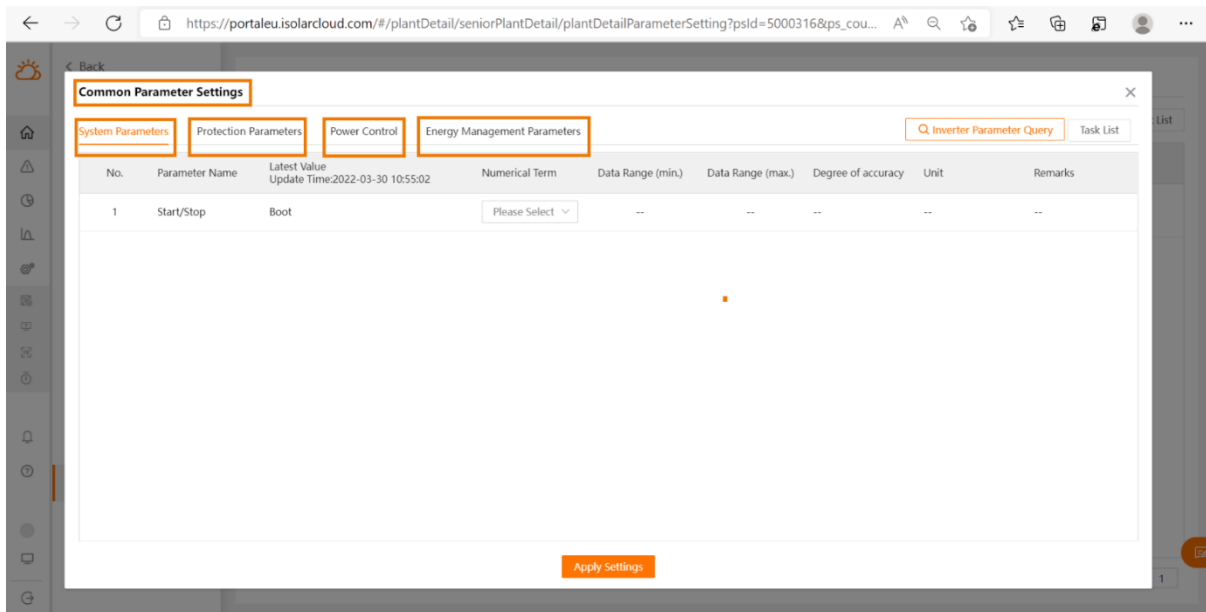
Settings

Overview Device Information Curve Fault Plant Configuration

Advanced Settings

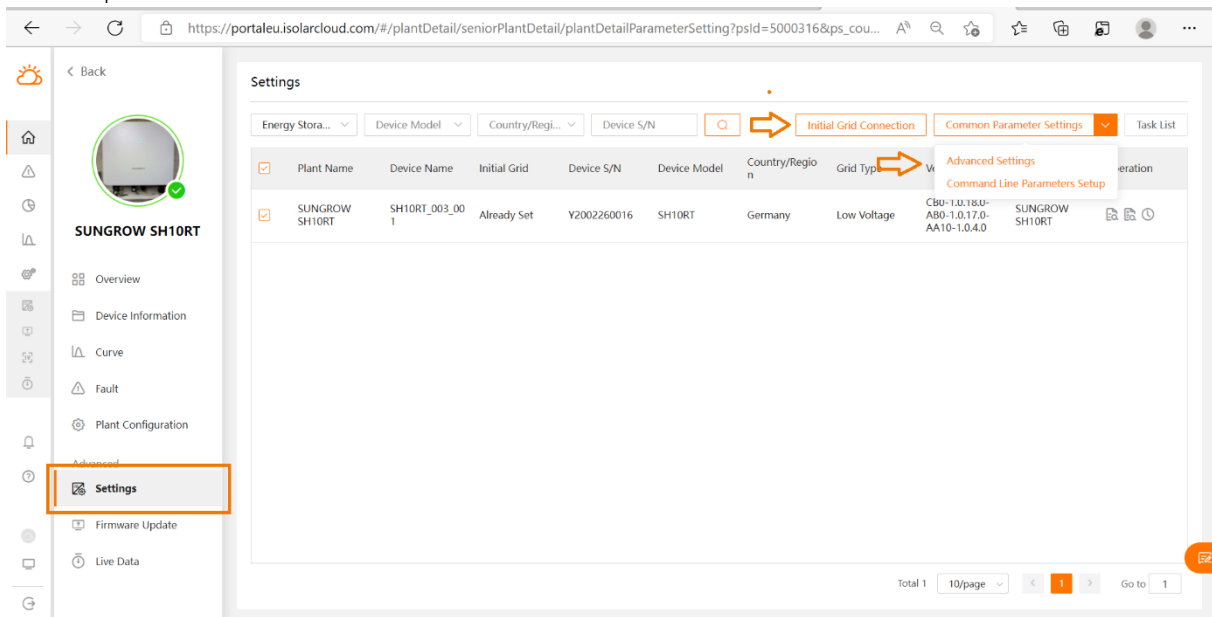
Firmware Update Live Data

Total 1 10/page 1 Go to 1

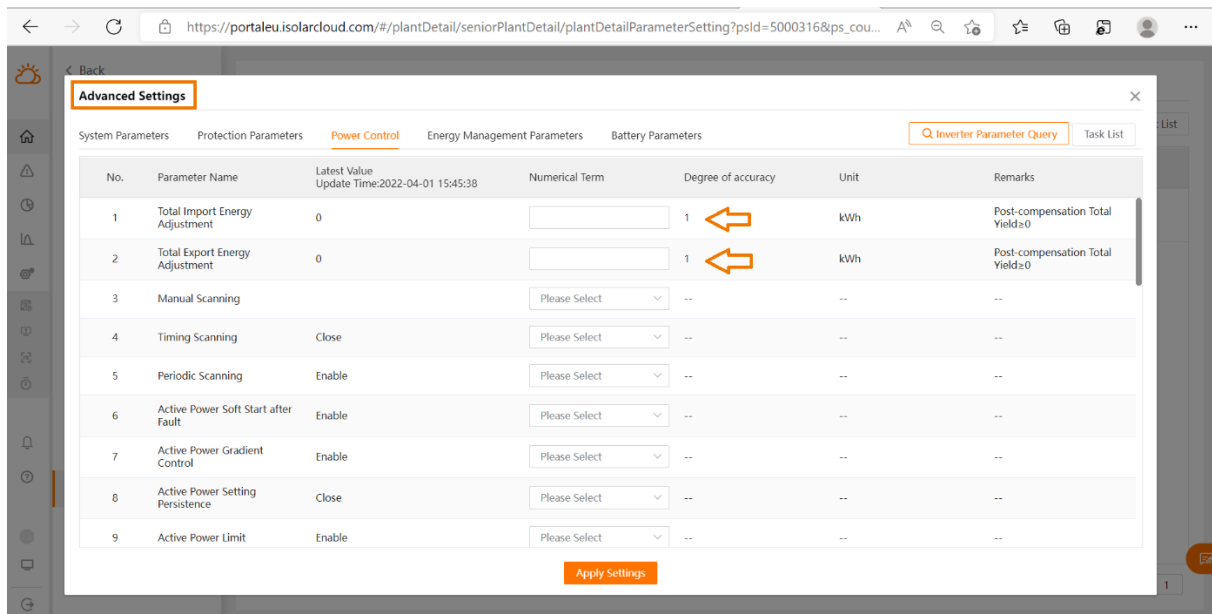


- When the inverter is changed, on iSolarCloud, you can create a new plant or use the original plant according to the customer's demand.

- 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.