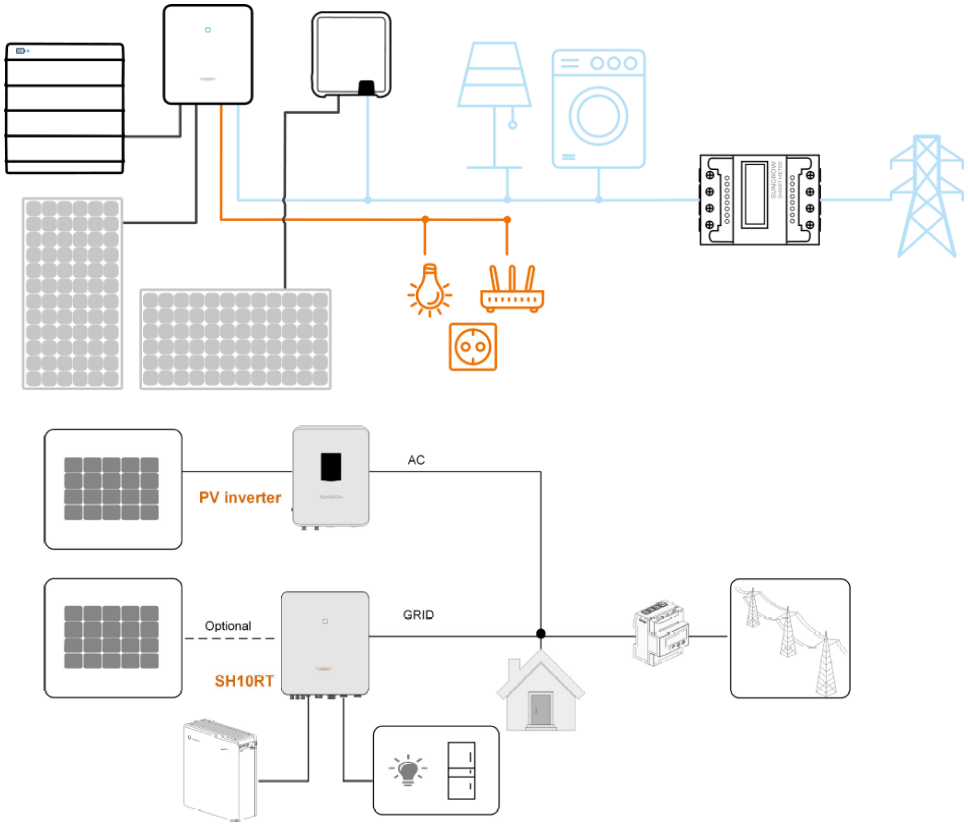
3-phase Hybrids-FAQ

Retrofit system settings SHxxRT inverter (What is a Retrofit system and how to set it)

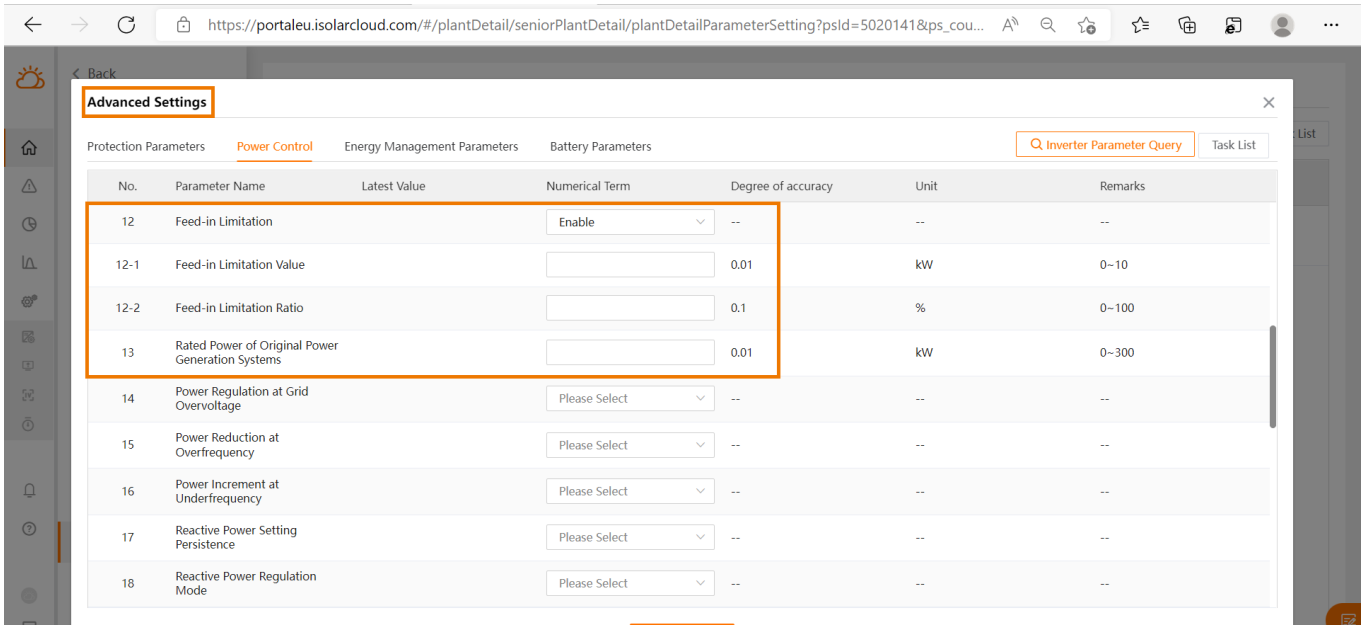
Applicable to: SHxxRT series

The system formed after adding an energy storage inverter to the photovoltaic power generation system is called Retrofit system. That means, there is not only PV inverter but also hybrid inverter in the transformed system, as shown in Figure below.



1. Set the parameter 13-Rated Power of Original Power Generation Systems. Note that parameter 13 refers to the **installed power** rather than the rated power.
2. Set Feed-in Limitation Value = (Installed PV Power + Rated Power of Original Power Generation Systems) × Feed-in Limitation Ratio.

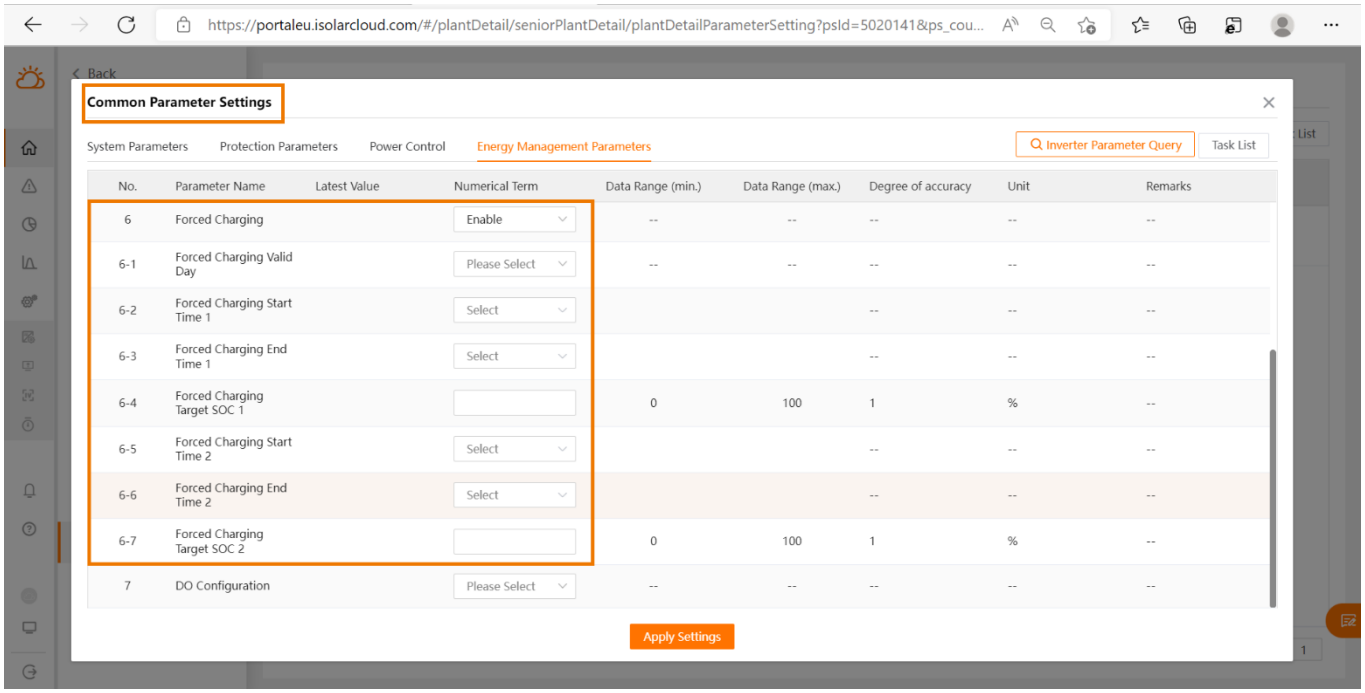
If the system is not a transformed system, there is no need to set parameter 13, and the default value is 0.



Special attention:

1. When only the PV inverter is connected to the PV modules and the hybrid inverter is not connected to the PV modules in the transformed system, the Installed PV Power should be set to 0.
2. The communication of the smart meter must be connected to the Hybrid inverter.

Note: To avoid battery draining in production for self-consumption mode, please turn on "Forced Charging" and set "Forced Charging Start Time", "Forced Charging End Time" and "Forced Charging Target SOC" according to customer requirements



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.

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