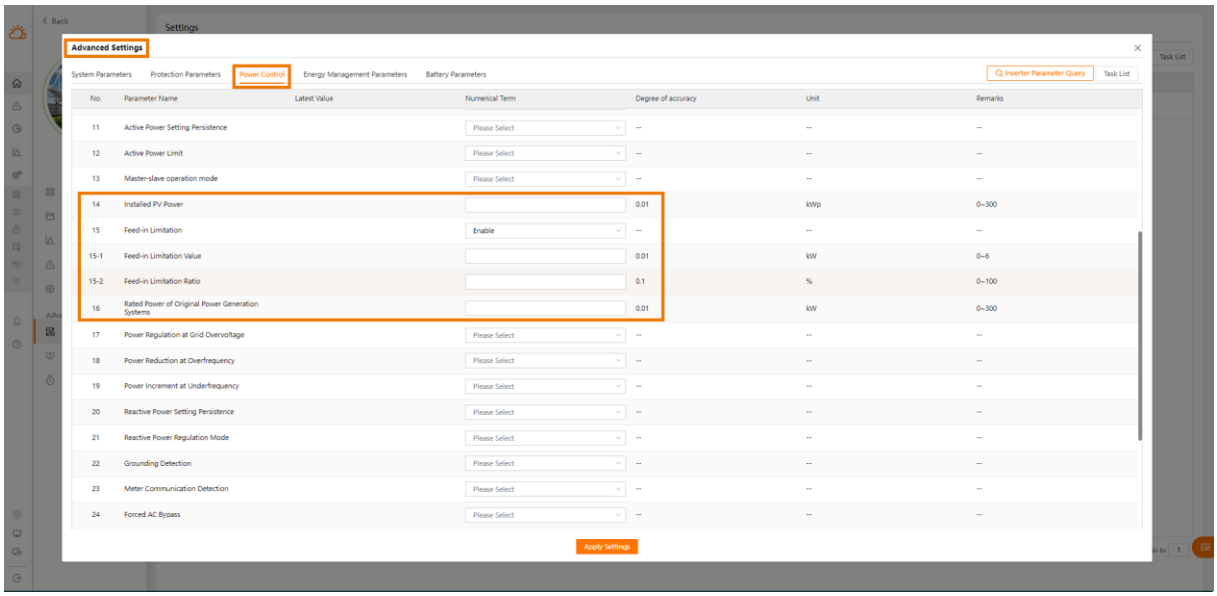
1-phase Hybrids-FAQ

# Instructions for SHxxRS feed-in settings

Applicable to: SHxxRS series

The following parameters can be set in the advanced setting interface if the customer has a feed-in limitation requirement on site. As shown in the figure below.




1. Setting method of zero feed-in:
   1.1 14-Installed PV Power is set to 0.
   1.2 15-Feed-in Limitation is enabled.
   1.3 15-1 Feed-in Limitation Value is set to 0 (Installed PV Power × Feed-in Limitation Ratio=0).

2. Setting method of feed-in limitation:
   2.1 Setting of 14-Installed PV Power.
   2.2 The 15-Feed-in Limitation function is enabled.
   2.3 15-1 Feed-in Limitation Value is set according to actual requirements (calculation method of actual power limitation: Installed PV Power × Feed-in Limitation Ratio).

3 When there is no feedback from network:
   The 15-Feed-in Limitation function is turned off.


Sungrow Deutschland GmbH | Balanstr. 59 | 81541 München | www.sungrowpower.com

4 For the retrofit system of photovoltaic + PV & storage, an additional PV inverter is added to the SHRT energy storage system. For this case, the feed-in setting method is as follows:

4.1 First set the value in field 16-Rated Power of Original Power Generation Systems (other inverters power), which is set to the installed power of the corresponding PV inverter.

4.2 Set the value in field 14-Installed PV Power of the Hybrid inverter.

4.3 Enable 15-Feed-in Limitation function.

4.4 15-1 Feed-in Limitation Value is set according to actual requirements (calculation method of actual power limit: (Installed PV Power + Rated Power of Original Power Generation Systems) × Feed-in Limitation Ratio).

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.