1-phase Hybrids-FAQ

Fault code and troubleshooting steps of SHxxRS

Applicable to: SHxxRS series

Bus overvoltage hardware fault (Code 200)

Fault name	Bus overvoltage hardware fault (fault code: 200)
Fault type	Fault
Fault condition	Bus voltage value is higher than hardware protection value
Steps and methods of troubleshooting	Generally, it is caused by abnormal fluctuation of power grid and can be recovered by itself. If it occurs frequently, it is necessary to download all logs and fault recording of the inverter and provide them to the SUNGROW technical support for further analysis.

PV hardware overcurrent fault (Code 202)

Fault name	PV hardware overcurrent fault (fault code: 202)
Fault type	Fault
Fault condition	The PV-current is higher than the hardware protection value.
Steps and methods of troubleshooting	Generally, it is caused by abnormal fluctuation of power grid and can be recovered by itself. If it occurs frequently, it is necessary to download all logs and fault recording of the inverter and provide them to the SUNGROW technical support for further analysis.

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.