

## 1-phase Hybrids-FAQ

# Fault code and troubleshooting steps of SHxxRS

Applicable to: SHxxRS series

### BDC discharge instantaneous overcurrent (Code 601)

Fault name	BDC discharge instantaneous overcurrent fault (fault code: 601)
Fault type	Alarm
Fault condition	Exceeded instantaneous discharge current.
Steps and methods of troubleshooting	If it happens frequently, the battery charging and discharging is abnormal all the time, it is recommended to replace the inverter.
Remarks	In case of BDC side fault, only BDC module stops working, inverter side can continue to work.

### Battery precharge relay fault (Code 605)

Fault name	Battery precharge relay fault (fault code: 605)
Fault type	Alarm
Fault condition	Check, if the relay is open or short-circuited.
Steps and methods of troubleshooting	If it happens frequently, the battery charging and discharging is abnormal all the time, it is recommended to replace the inverter.
Remarks	In case of BDC side fault, only BDC module stops working, inverter side can continue to work

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.