

3-phase Hybrids-FAQ

Fault code and troubleshooting steps of SHxxRT

Applicable to: SHxxRT series

Hardware overcurrent fault (Code 616)

Fault name	Hardware overcurrent fault (fault code: 616)
Fault type	Malfunction
Fault condition	Overcurrent of the internal hardware of the BDC circuit
Steps and method of troubleshooting	<ol style="list-style-type: none"> 1. Upgrade the inverter software to the latest version. 2. If the fault 616 occurs frequently, the internal hardware may be damaged, and the complete inverter needs to be replaced.

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.