1-phase Hybrids-FAQ

Fault code and troubleshooting steps of SHxxRS

Applicable to: SHxxRS series

BDC overtemperature fault (Code 612)

Fault name	BDC overtemperature fault (fault code: 612)
Fault type	Alarm
Fault condition	Exceeded temperature value of BDC radiator.
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

BDC hardware overcurrent fault (Code 616)

Fault name	BDC hardware overcurrent fault (fault code: 616)
Fault type	Fault
Fault condition	BDC circuit internal hardware overcurrent
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

BDC current sampling channel fault (Code 620)

Fault name	BDC current sampling channel fault (fault code: 620)
Fault type	Fault
Fault condition	Excessive deviation of BDC current initial sampling value.
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.

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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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