

## 1-phase Hybrids-FAQ

# Fault code and troubleshooting steps of SHxxRS

Applicable to: SHxxRS series

### AC-side lightning protection alarm (Code 071)

Fault name	AC-side lightning protector alarm (fault code: 071)
Fault type	Alarm
Fault condition	AC-side lightning protection circuit damaged
Steps and methods of troubleshooting	<ol style="list-style-type: none"> <li>1. Check the AC lightning protection board, AC EMI board and power board. If obvious damage is found, please replace it</li> <li>2. Check whether the connection between AC lightning protection board and AC EMI board is loose.</li> </ol>

### DC-side lightning protection alarm (Code072)

Fault name	DC-side lightning protector alarm (fault code: 072)
Fault type	Alarm
Fault condition	AC-side lightning protection circuit damaged
Steps and methods of troubleshooting	<ol style="list-style-type: none"> <li>1. Check the DC EMI board and power board. If obvious damage is found, please replace it.</li> <li>2. Check whether the connection between DC EMI board and power board is reliable.</li> </ol>

### DC-side lightning protector alarm (Code 075)

Fault name	DC-side lightning protector alarm (fault code: 075)
Fault type	Alarm
Fault condition	Parameter setting of multi-machine parallel menu is incorrect, or communication line between master and slave is not connected or abnormal
Steps and methods of troubleshooting	<ol style="list-style-type: none"> <li>1. Check whether it is a parallel application system and whether the master and slave are set correctly.</li> <li>2. Check whether the communication wiring of master and slave is not connected, loose or damaged.</li> </ol>

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.