

CX series-FAQ

Fault codes and troubleshooting steps

Applicable to: SGxxCX-series

AC-side SPD Failure (Code 071)

Fault Name	AC SPD failure (alarm code: 071)
Fault Type	Alarm
Fault Condition	AC surge arrester is found to be damaged.
Troubleshooting steps and methods	Only certified personnel is authorized to exchange the surge-arrester. If uncertified, it is recommended to replace the inverter.

DC-side SPD Failure (Code 072)

Fault Name	DC SPD failure (alarm code: 072)
Fault Type	Alarm
Fault Condition	DC SPD is found to be damaged.
Troubleshooting steps and methods	<ol style="list-style-type: none"> 1. Check whether the connection between the control board and the main power board is reliable. 2. Check the DC SPD and replace the main power board assembly. 3. If the fault is not cleared after the main power board is replaced, replace the inverter.

For further information, please download the user manual for:

[SG30-50CX](#)

[SG110CX](#)

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.