

## CX series-FAQ

# Fault codes and troubleshooting steps

Applicable to: SGxxCX-series

## PV Abnormal Alarm

Fault Name	PV1-PV4 abnormal alarm (alarm code: 078-081) PV5-PV12 abnormal alarm (alarm code: 220-227)
Fault Type	Alarm
Fault Condition	PV voltage 500 V, power less than 160 W.
Troubleshooting steps and methods	<ol style="list-style-type: none"> <li>1. If the string is not connected, ignore the alarm and reset the string monitoring in the inverter settings.</li> <li>2. If the MPPT branch is connected with a string, it is recommended that the customer detect the IV curve of the string. The string may be blocked or PV-modules may be damaged.</li> </ol>

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.