

## European Solar and Energy Storage Solutions

# Chint photovoltaic inverter fault handling



## Overview

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Are CPs grid-tied PV inverters safe?

The CPS grid-tied PV Inverter is a well-designed product through strict tests to meet international safety requirements, but as an electrical and electronic equipment, certain precautions must be observed during the installation and operation of the PV Inverter.

How to check if a PV inverter has a fault?

1. Raise limit of DCImax (for example, 400mA) to 2. After raising limit, if inverter cannot clear fault, replace inverter. Grid. 2. Open fuse drawers to decouple PV strings from each other. Test strings with string test set. 3. Add one PV string at a time, and start up inverter to see if alarm occurs.

Where can I contact Chint power systems?

Page 51 App ChintHome Shanghai CHINT Power Systems Co., Ltd.  
Headquarters: Building 4, No. 3255, Sixian Road, Songjiang District, Shanghai, China E-Mail: [service.cps@chint.com](mailto:service.cps@chint.com) Service Hotline: +86 -21 -3779 1222 -866300 Website: .

What happens if a PV inverter fails?

The inverter will be shut down automatically if the PV power generation system fails, such as output short circuit, grid overvoltage / undervoltage, grid overfrequency / underfrequency, high environmental temperature or internal malfunction of the machine. The fault information will be displayed on the APP interface.

What happens if a CPS inverter is not inspected?

Without inspection, customers will run the risk of having inverter electronic circuit damage when power is applied to inverter during startup. It is advised that customers contact the CPS hotline: 855-584-7168 for further advice and to arrange schedule for CPS service personnel to perform inspection of

inverter on site.

How do I fix a faulty PV inverter?

Wait for 1 minute between OFF and ON for all energy to discharge. If not cleared, replace Filter board or inverter. Recommended solutions: 1. Check PV input Current (PV Over current) 2. Restart inverter by recycling both AC and DC switches. Wait for 1 minute between OFF and ON for all energy to discharge.

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### Top five! Chint power has won the 365 global photovoltaic ...

On June 10, the "2022 global photovoltaic top 20 ranking" initiated and held by 365 photovoltaic, 365 energy storage and smart energy was officially released to the world in the form of online ...

### CHINT Installation Operation Manual For Inverter of ...

This document is the installation and operation manual for CPS SCA50KTL-DO/400V and CPS SCA60KTL-DO/480V grid-tied PV inverters. It contains important safety guidelines and instructions for installation, configuration, ...



### Installation and Operation Manual For 3-Phase Grid-tied PV ...

inverters are designed for using with residential PV grid-tied systems. The PV system is generally made up of PV modules, PV inverter and AC power distribution equipment, as shown in Figure ...

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