



# Chint photovoltaic panel wiring details

What is a CPS grid-tied PV inverter?

CHINT POWER SYSTEMS AMERICA CO.,LTD. Thank you for choosing a CPS Grid-tied PV Inverter (hereinafter referred to as "PV Inverter") developed by CHINT POWER SYSTEMS AMERICA CO.,LTD (hereinafter referred to as "CPS"). This PV Inverter is a high performance and highly reliable product specially designed for the North American Solar market.

How do I contact Chint power?

Web: Email: service.cps@chint.com Service Hotline: +86-21-37791222-6300 Address: Building 4, No. 3255, Sixian Road, Songjiang District, Shanghai, China Zip Code: 201614 SHANGHAI CHINT POWER SYSTEMS CO.,LTD. All rights reserved. Specifications and designs included in this manual are subject to change without notice.

What is the warranty policy for Chint power systems America?

The warranty policy of this product is specified in the contract; otherwise, the standard warranty is 5 years. For service, Chint Power Systems America will provide local support. For Warranty terms, please refer to the CPS America standard warranty policy in place at time of purchase.

When does a PV inverter start up?

Then the inverter will start up and operate normally if the start-up condition is met. Otherwise, the inverter stands by. Automatic start-up: The inverter will start up automatically when the output voltage and power of PV arrays meet the set value, AC power grid is normal, and the ambient temperature is within allowable operating range.

How to check the polarity of a PV inverter?

**CAUTION!** Disconnect supply before replacing fuses. Use a multi-meter to measure the PV strings' cable ends and check the polarity. The positive (+) terminal of cable should match the positive (+) terminal of inverter's DC input. The negative (-) terminal of cable should match the negative (-) terminal of inverter's DC input.

How do you fix a faulty PV inverter?

Restart inverter by recycle both AC and DC switches. Wait for 1 minute between OFF and ON for all energy to discharge. If inverter cannot clear fault, replace inverter. Turn OFF AC switch to disconnect inverter from Grid. Open fuse drawers to de-couple PV strings from each other. Test strings with string test set.

5.1.2 Wiring Procedures 5.4.1 Communications Mode Description 5.3.1 Preparation ... details, refer to Chapter 4 Installation) As soon as receiving the PV inverter, please check if it is ...

C& I PV Storage & Charging; Residential PV Charging & Storage; Services. Project Reference ... Panel size: 96 x 96mm; Programmable CT (1 ~ 9,999) Optional digital input, relay alarm ...



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