



# What does Chint PV inverter 15t mean

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.

Where can I find the Chint power systems user manual?

The manual will be periodically updated or revised due to the product development or improvement. The latest version of this manual can be acquired via the website at [1. IMPORTANT SAFETY INSTRUCTIONS \(SAVE THESE INSTRUCTIONS\)](#) Please read this user manual carefully before installation of the inverter.

How a PV inverter can be connected with a short circuit?

Ensure that the positive and negative terminals of each PV strings connected to the inverter correctly. The positive or negative terminals of PV strings can't be connected with short circuit. The total output power of all PV strings can't exceed the maximum input power of the inverter.

Can a PV inverter be ungrounded?

Uneven distribution of strings among the two MPPTs (e.g. PVIn1:PVIn2 = 3:1) is not recommended and may result in unnecessary power clipping. The inverters operate with ungrounded arrays,although the PV system requires a DC EGC (equipment grounding conductor) to ensure operational safety.

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 de-couple 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.

How to turn on a PV inverter?

Make sure the DC open circuit voltage of input strings is less than 1000V. ) Turn on the AC circuit breaker. ) Turn on the DC circuit breaker. (Skip these two steps if there are no circuit breakers.) ) Switch the DC Switch to the "ON" position. When the energy supplied by the PV array is sufficient,the LED of inverter will light up.

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