



# Chint photovoltaic inverter signal stick

What is a PV string inverter?

To avoid any other unforeseeable risk, contact your dealer immediately, if there is any issue found during operation. 2.1.1 Function This series is a single-phase grid-tied PV string inverter (transformer less) that converts the DC power generated by PV strings into AC power and feeds the power into power grid. The inverter is transformerless.

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.

Is Chint grid PV-inverter reliable?

CHINT Grid PV-Inverter is a highly reliable product due to its innovative design and perfect quality control. Such an inverter is used in high demand, grid-linked PV systems. If you encounter any problems during installation or operation of this unit, first check this manual before contacting your local dealer or representative.

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.  $PV_{In1}:PV_{In2} = 3:1$ ) 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.

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