



# Chint Photovoltaic Panel Installation Instructions

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 do I inspect a CPS inverter?

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. Ensure that the mounting structure (wall, rack, roof, etc.) is suitable to support the weight of the inverter. Follow the mounting guidelines below:

How to install a CPS inverter?

290.0 (11.4in.) 1. Hang the inverter onto the mounting bracket as shown in Figure 3-6; Manual mounting: One person can safely lift the inverter and mount it onto the bracket. The main enclosure of the CPS inverters is 22kg (48.5 pounds). 2. Install the wire-box: Remove screws securing the bulkhead cover at the top of the wire-box.

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 to set up 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 LCD screen of inverter will light up.

How do I mount the CPS sca36ctl-do/US inverter?

Manual mounting: Two people grab the handle positions marked in Figure 3-8, and mount the inverter onto the bracket. The main housing of the CPS SCA36CTL-DO/US inverter is about 55kg (122 pounds). Please ensure the mounting is properly installed before hanging the the inverter on the bracket.

This Installation and Operation manual contains important information, safety guidelines, detailed planning and setup information for installation, as well as information about configuring, operating and troubleshooting the CPS ...



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PV Panel: Provide DC power to inverter PV-Inverter: Converts DC (Direct Current) power from PV panel(s) to AC (Alternating Current) power. Because the PV-Inverter is grid-connected it controls the current amplitude according to the ...

It should receive sufficient sunlight and there should be no obstacles that may block the solar panel within a 5-meter radius of the site. For example, the installation site cannot be under a tree or near tall buildings, as ...

3. Overview 3.1. Introducing the Grid PV System The Grid PV System is mainly composed of 4 parts: the PV-panels, the PV-Inverter, the AC-Connection Unit (the connection Interface) and a ...

The area of a single photovoltaic panel is larger, and the cost of the same power configuration . is lower. It is recommended to . select SS0V/50.1V battery panel. Grid -connected panels and off ...

Specification sheets and manufacturer's installation instructions for all manufactured system components that make up the Solar PV System. A signed and sealed document exhibiting that a design professional has ...



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