



Chint photovoltaic panel installation tutorial

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 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.

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 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.

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 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.

Application: For circuit control, protection, monitoring and power distribution in power distribution system. Standards: IEC 60439 Parameters: Rated voltage: 400V. Rated current: 400-315...

Solar Panels perform at optimum capacity when placed in direct sunlight. When you install your Solar Power system, try to position your photovoltaic panels directly under the noontime sun for maximum efficiency ...



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China is the global powerhouse in solar panel manufacturing, driving the industry with unparalleled production capabilities and cutting-edge technological advancements. As the world's leading producer, China commands over 95% of ...

Page 11 Install on a wall or strong structure capable of bearing the weight. Install vertically with a maximum incline of $\pm 15^\circ$. If the mounted inverter is tilted to an angle greater than the ...

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