



Chint photovoltaic panel component parameter table

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 to check polarity of PV strings?

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. NOTICE!

How do you test a PV inverter?

Turn OFF AC switch to disconnect inverter from 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 startup inverter to see if alarm occurs. 4. If there is no alarm, turn OFF AC switches to disconnect from Grid and add in the next string. Startup inverter again. 5.

How to measure PV voltage?

Measure voltage at DC terminals in wiring box and compare with reading in Measurement menu. PV voltage must be less than 1000V in open circuit condition. If display reading is not within 2% of meter reading, replace inverter. If display reading is within 2% of meter reading, adjust number of panel in the string.

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.

How many fault records can a CPS inverter store?

5.4.3 Fault Recording The last record can store up 128 fault records in " Fault Record " menu. 5.4.4 Firmware Upgrade If the inverter firmware version needs to be updated, please contact the CPS Service Hotline at: +1 855-584-7168 Ext. 1. 5.5 History There are 2 submenus in the History menu: "Alarm"...

The most important solar panel specifications include the short-circuit current, the open-circuit voltage, the output voltage, current, and rated power at 1,000 W/m² solar radiation, all measured under STC.. Solar modules must also meet ...

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