



How to debug Chint photovoltaic inverter

What happens if a PV inverter fails?

The inverter will be shut down automatically if the PV power generation system fails, such as output short circuit, grid overvoltage/under voltage, grid over frequency/under frequency, high environmental temperature or internal malfunction of the machine. The fault information will be displayed on the APP interface.

What causes a PV inverter to shut down automatically?

The inverter will be shut down automatically when the PV power generation system fails, such as output short circuit, grid overvoltage / undervoltage, grid overfrequency / underfrequency, high ambient temperature or internal malfunction of the machine. The causes of fault can be identified based on the faults listed in Table 4-1.

What if a PV inverter is exposed to sunlight?

Ensure the output voltage of the proposed PV array is lower than the maximum rated input voltage of the inverter; otherwise the inverter may be damaged and the warranty annulled. When exposed to sunlight, the PV array generates dangerous high DC voltage. Please operate according to our instructions, or it will result in danger to life.

How do I fix a faulty PV inverter?

Correct PV string connection. Contact after-sales service personnel. Restart inverter by recycle both AC and DC switches. Wait for 1 minute between OFF and ON for all energy to discharge. Contact after-sales service personnel. Restart inverter by recycle both AC and DC switches. Wait for 1 minute between OFF and ON for all energy to discharge.

What happens if a CPS inverter is not inspected?

Without inspection, customers will run the risk of having inverter electronic circuit damage when power is applied to inverter during startup. 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.

What if inverter cannot clear fault?

If inverter cannot clear fault, replace inverter. Recommended solutions: 1. Measure voltage at DC terminals in wire-box and compare with reading in Measurement menu. PV voltage must be less than 1500V in open circuit condition. If display reading is not within 2% of meter reading, replace inverter.

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