

# Huawei photovoltaic inverter voltage abnormality

Why is my Huawei inverter NOT working?

The inverter automatically recovers after the fault is rectified. If the alarm occurs frequently, contact your dealer or Huawei technical support. The input-to-ground insulation impedance has decreased during the inverter operation. If the alarm occurs accidentally, the external power cable may be abnormal temporarily.

Why is the PV array not properly configured?

The PV array is not properly configured. Excessive PV modules are connected in series to PV strings 1 and 2, and therefore the PV string open-circuit voltage exceeds the maximum value of the inverter MPPT voltage. The PV array is not properly configured.

What should I do if my PV inverter fails?

The inverter automatically recovers after the fault is rectified. If the alarm occurs frequently and affects the power production of the PV plant, check whether the output is short-circuited. If the fault persists, contact your dealer or Huawei technical support. The DC component in the grid current exceeds the upper threshold.

Why does my sun2000 inverter alarm disappear?

After the PV array is correctly configured, the inverter alarm disappears. The PV string power cable arcs or is in poor contact. Check that the PV string power cable does not arc and is in good contact. The PV string polarity is reversed. Check whether the PV string is reversely connected to the SUN2000.

How to check if PV string is reversely connected to sun2000?

Check whether the PV string is reversely connected to the SUN2000. If yes, wait until the PV string current decreases below 0.5 A, set DC SWITCH to OFF, and adjust the PV string polarity. The number of PV modules connected in series to this PV string is insufficient. As a result, the end voltage is lower than that of other strings.

How to check if PV string polarity is reversed?

The PV string polarity is reversed. Check whether the PV string is reversely connected to the SUN2000. If yes, wait until the PV string current decreases below 0.5 A, set DC SWITCH to OFF, and adjust the PV string polarity. The number of PV modules connected in series to this PV string is insufficient.

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The inverter's input voltage surpasses the inverter's acceptable upper limit. Using a voltmeter, measure the input voltage inside the inverter. If it's higher than the upper limit of the inverter's acceptable range, check the configuration of the ...



Ensure that the PV string open-circuit voltage does not exceed the maximum inverter operating voltage. Once you configure the PV array correctly, the inverter alarm will disappear.



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