



# Huawei Photovoltaic Inverter User Manual

What is Huawei fusion solar?

Huawei FusionSolar introduces users to the datasheet, user manual, quick guide, and installation video of the solar inverter SUN5000 Series to address their frequently asked questions. Huawei FusionSolar provides new generation string inverters with smart management technology to create a fully digitalized Smart PV Solution.

What should I know before installing a photovoltaic inverter?

Before installing and operating the inverter, ensure that you are familiar with the features, functions, and safety precautions provided in this document. This document is intended for photovoltaic (PV) plant operators and qualified electricians. The symbols that may be found in this document are defined as follows.

Why is my Huawei inverter NOT working?

Cause ID = 1-15 An unrecoverable fault occurs on a circuit inside the inverter. Turn off the AC output switch and DC input switch, and then turn them on after 5 minutes. If the alarm persists, contact your dealer or Huawei technical support. Cause ID = 1-6 The upgrade is not completed normally. Perform an upgrade again.  
2.

How to maintain Huawei equipment?

Use tools correctly to avoid hurting people or damaging the equipment. Do not touch the energized equipment, as the enclosure is hot. Personnel who plan to install or maintain Huawei equipment must receive thorough training, understand all necessary safety precautions, and be able to correctly perform all operations.

What should I do if my PV inverter is not working?

If the alarm persists and affects the energy yield of the PV plant, check whether the output is short-circuited. If the fault cannot be rectified, contact your dealer or Huawei technical support. Cause ID = 1 The DC component of the inverter output current exceeds the upper threshold.

How to install a solar inverter?

Step 1 Check that the AC and DC power supplies to the solar inverter are connected simultaneously, and that the and indicators are steady green or blink slowly for more than 3 minutes. Step 2 Turn off the AC switch, set the DC switch at the bottom of the solar inverter to OFF, and wait until all indicators on the solar inverter panel turn off.

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No communication with the inverter. Remove and insert the Smart Dongle. Check that the inverter matches the Smart Dongle. Connect the Smart Dongle to another inverter. Check whether the ...

Code scanning: Tap Connect to access the scanning screen, place the QR code or bar code of the solar inverter in the scan frame. The device will be automatically connected after the code ...

FusionSolar provides detailed user guide for smart energy controller covering datasheet, user manual, quick guide and installation video to support users and address their frequently asked questions.,Huawei ...

Parameter. Description. Unlimited. N/A. If this parameter is set to Unlimited, the inverter output power is not limited and the inverter can feed its rated power to the power grid.. Grid ...

Page 1 SUN2000-(2KTL-6KTL)-L1 User Manual Issue Date 2021-04-01 HUAWEI TECHNOLOGIES CO., LTD.; Page 2 Notice The purchased products, services and features are stipulated by the contract made between Huawei and the ...



**Huawei  
Manual**

**Photovoltaic**

**Inverter**

**User**

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