



Huawei PV inverter steady-state mode





Overview

The inverter enters Standby mode after detecting that the PV string output power is not suitable for connecting to the power grid for generating power.

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The inverter is in grid-tied mode. The inverter is not in grid-tied mode. The inverter receives communication data normally. The inverter has not received communication data for 10 seconds. A warning alarm was generated. A minor alarm was generated. A major alarm was generated. Local maintenance is.

This document is intended for photovoltaic (PV) plant operating personnel and qualified electricians. The symbols that may be found in this document are defined as follows. Indicates a hazard with a high level of risk which, if not avoided, will result in death or serious injury. Indicates a hazard.

Network Application The inverter applies to grid-tied PV systems for commercial rooftop PV plants and large PV plants. The SUN2000 can also apply to the AC power system with the neutral point grounding of the step-up transformer. The SUN2000 itself does not connect to any neutral wire. Figure 2-4.

This document describes the following inverter models (also referred to as SUN5000) in terms of the safety precautions, product introduction, installation, electrical connections, power-on and commissioning, maintenance, and technical specifications. Read this document carefully before installing.

Below you will find brief information for SUN2000 36KTL, SUN2000 42KTL. These inverters convert direct current (DC) generated by photovoltaic (PV) strings into alternating current (AC) and feed it into the power grid. They are designed for commercial rooftops and large power stations, offering.

The inverter enters Standby mode after detecting that the PV string output power is not suitable for connecting to the power grid for generating power. If the PV modules receive no sunlight, the battery works in discharge mode, and the battery reaches the end-of-discharge capacity, the inverter.



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User Manual

In this case, the alarm/maintenance indicator is steady red and at least one of the PV connection indicator and grid connection indicator is steady red. Then, contact technical support and do ...

[SUN2000 36KTL, SUN2000 42KTL User Manual , Manualzz](#)

This user manual provides instructions for installation, electrical connections, commissioning, maintenance, and troubleshooting for the Huawei SUN2000 36KTL and SUN2000 42KTL grid ...

SUPPORT REAL-TIME ONLINE
MONITORING OF SYSTEM STATUS



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When LED2 is steady green (meaning that the inverter is grid-tied), do not turn on any DC switch. Otherwise, the inverter may be damaged because ...

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When LED2 is steady green (meaning that the inverter is grid-tied), do not turn on any DC switch. Otherwise, the inverter may be damaged because



the insulation resistance is not detected.



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[Huawei photovoltaic inverter parameter configuration](#)

Full configuration scenario: For a single-phase solar inverter, the number of PV modules connected in series in a PV string cannot exceed 25 and the maximum power of a PV ...



[Huawei PV inverter steady-state mode](#)

If the PV modules receive no sunlight, the battery works in discharge mode, and the battery reaches the end-of-discharge capacity, the inverter enters Shutdown mode.



PV Guru

What should you do if the communication status indicator is steady red? Don't worry! This could mean that the inverter's software version is outdated or that the Smart Dongle may be faulty.

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Indicator Status

If the alarming and the local maintenance happen concurrently, the alarm/maintenance indicator shows the local maintenance state first. After the USB flash drive or USB data cable is ...



User Manual

If both DC switches are automatically turned of at the same time, the AC switch does not trip, and the LED4 indicator on the inverter is steady red, do not turn on the DC switches by yourself.



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