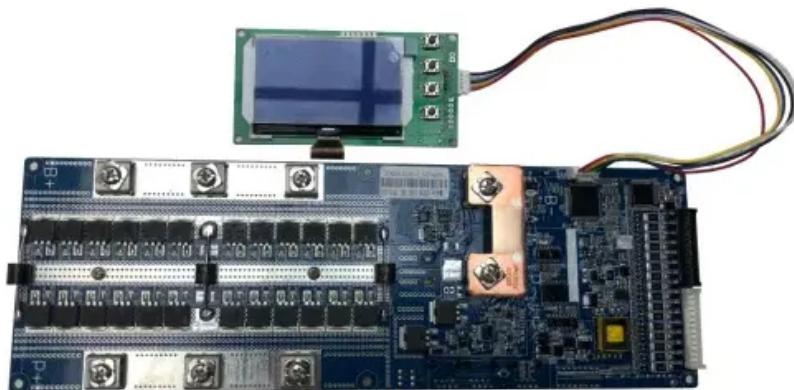




**SolarGrid Energy Solutions**

# **Huawei inverter grid voltage is high**



## Overview

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

Contact your local power operator if the grid connection voltage exceeds the upper threshold. Once complete, modify the overvoltage protection threshold. Make sure the peak grid voltage is under the upper threshold. If the error persists, contact Huawei technical support or your dealer to fix it. [Will I Need to Replace My Huawei Inverter?](#)

What are Huawei inverter error codes?

Huawei inverter error codes occur due to grid disturbances, temperature issues, software issues, overcurrent, and other faults. Knowing each error code's meaning will help you determine the appropriate solution to get the solar power system back to normal. Here's a list of common Huawei inverter error codes culprits:.

Are Huawei inverters good?

A typical Huawei inverter review highlights features such as: Durability, as Huawei inverters package robust weather protection. But, remember: Huawei inverters may be great, but the key to avoiding those annoying faults is regular monitoring, proper installation, and timely repairs. When to seek professional help?

How do I know if my Huawei inverter is bad?

Huawei inverters – helpfully – come with an industry-leading self-diagnosis system to detect faults and then display those Huawei inverter fault codes on the unit. You may also find your Huawei inverter problem on your app – but, either way, they're basically telling you what's wrong.

Why is my inverter not connecting to the grid?

Alarm: Grid overvoltage 2034-1/Grid undervoltage 2033-1/Grid failure 2032-1/Grid overfrequency or underfrequency. The inverter frequency is abnormal. As a result, the inverter cannot be connected to the grid. Check whether the local power grid code is used. If not, change the power grid code to the correct one.

Why is my solar inverter not detecting a stable grid connection?

**WHAT IT MEANS:** The inverter is not detecting a stable grid connection, meaning it won't be able to export power. **WHAT TO DO:** Check if there's a power outage in your area. Inspect AC wiring to ensure everything is securely connected. If the grid is stable and the error continues, contact a licensed solar electrician. 3.

## Huawei inverter grid voltage is high



### Error Code

Dec 4, 2018 · The possible causes are as follows: The power grid voltage is below the specified lower threshold. The power grid voltage exceeds the specified upper threshold. The power grid ...

## Operations Related to the Special User

If you log in to the app as Special User, you can set grid parameters, protection parameters, feature parameters, and power adjustment parameters for the SUN2000.



## SUN2000-100KTL-H1 Output Characteristics Curve

Oct 10, 2018 · Note: When SUN2000-100KTL-H1 operates at rated output voltage, ambient temperature <= 35°C and grid voltage 1.0/1.1 p.u., the output power can reach 105kW (when ...

## Grid Voltage causing Shutdowns? , Blog

Feb 22, 2019 · The below graph illustrates what is occurring during the day with high voltage. In this case, if power is going back to the grid (requiring a higher ...



## Troubleshooting

M:SUN2000-3KTL-M0,SUN2000-4KTL-M0, SUN2000-5KTL-M0,SUN2000-6KTL-M0,SUN2000-8KTL-M0,SUN2000-10KTL-M0;Smart PV inverter, Smart PV Controller, Cascading, AFCI

## 4208 Grid Overvoltage

Suggestion Check whether the line voltage of the three-phase power grid is mistakenly connected to the system. If yes, connect the phase voltage to the system. If the alarm occurs ...



## Huawei 10KW Hybrid Smart Energy Controller ...

The Huawei SUN2000-3-10KTL-M1 is a three-phase grid-tied string inverter that converts DC power from PV strings into AC power. This power can be fed into ...



## 2035 Grid Voltage Imbalance

If the alarm occurs frequently, check whether the power grid voltage is within the normal range. If not, contact the local power operator. If the fault persists for a long time, check the connection ...



## Alarms 301

Dec 29, 2021 · Summary The inverter power grid overvoltage occurs. The power grid voltage may be normal at the time measured by the customer, and the instantaneous voltage cannot be ...

## Inverter

The parameter list provided in this document includes all configurable parameters. Configurable parameters vary with the device model and grid code. The actual screen prevails. If you

...



## PowerPoint Presentation

Jun 20, 2022 · AboutHuawei Huawei is a leading global provider of information and communications technology (ICT) infrastructure and smart devices.

## Grid-Tied Solar System: Everything You Want to ...

May 27, 2024 · What Is a Grid-Tied Solar System? A grid-tied solar power system refers to a solar energy-generating installation that is linked to the primary

...



## Troubleshooting

Major: The inverter enters the shutdown mode or functions abnormally after a fault occurs. Minor: Some components are faulty but the inverter can still connect to the power grid and generate



## Troubleshooting

M:SUN2000L-2KTL,SUN2000L-3KTL,SUN2000L-3.68KTL,SUN2000L-4KTL,SUN2000L-4.6KTL,SUN2000L-5KTL;Smart PV inverter, Smart PV Controller, Cascading



## Troubleshooting

Alarms range in severity according to the following definitions: Major: The inverter enters the shutdown mode and disconnects from the power grid to stop generating electricity after a fault ...

## 2004 DC Overvoltage

Apr 25, 2025 · Inverter,AlarmSuggestion  
Turn off the AC and DC switches, and check the input voltage. If the input voltage exceeds the upper limit, contact your vendor or technical support. ...



## **Huawei 50KW On-Grid Solar Inverter**

Apr 5, 2025 · The Huawei 50KW On-Grid Solar Inverter is a high-performance 50KW On-Grid Inverter designed for large-scale residential and commercial solar installations. With advanced ...



## **Solar power alarm codes , Teleport**

The first table lists all possible generic alarm keys together with possible causes and suggested actions. On this page Generic alarm codes Asset-specific errors and warnings Sungrow ...



## **List of Huawei Inverter Error Codes & Solutions**

Oct 11, 2021 · Here's a list of common Huawei inverter error codes culprits: Grid disturbances are temporary, and the inverter returns to normal when the ...



## 2034 Grid Overvoltage

If not, contact the local power operator.  
If yes, modify the power grid overvoltage protection threshold after obtaining the consent of the local power operator.  
Check whether the peak ...



## Smart PV Troubleshooting Guide

This document provides common troubleshooting cases for Huawei residential Smart PV solution and provides reference for engineers and users to handle common issues.

## 2035 Grid Voltage Imbalance

The device automatically recovers after detecting that the power grid becomes normal. If the alarm occurs frequently, check whether the power grid voltage is within the normal range.



## 2033 Grid Undervoltage



-  100KW/174KWh
-  Parallel up-to 3sets
-  IP Grade 54
-  EMS AND BMS

Inverter, Alarm Suggestion If the alarm occurs occasionally, the power grid may be abnormal temporarily. The device automatically recovers after detecting that the power grid becomes ...

## Set running parameters for SUN2000L inverter

Jun 3, 2019 · For example: if the inverter generate very often the alarm over voltage due to the grid voltage range, you can select the over voltage protection, increase with 10V and confirm.



## Contact Us

For catalog requests, pricing, or partnerships, please visit:  
<https://www.wf-budownictwo.pl>