

# The solar inverter shows no grid

Why does my inverter have a no-grid fault?

The fault NO-GRID is caused by the inverter not detecting voltage at the grid. One of the main reasons this fault may appear is an incorrect grid code being set. During the units "burn" in period at the factory they are programmed with a specific grid code for the burn-in process.

Do solar inverters have problems?

Solar inverters are essential for a functioning solar power system, but they can encounter common problems over time. By following this troubleshooting guide, you can quickly diagnose and resolve issues without expensive repairs.

What are the different types of solar inverter error codes?

Common Categories of Error Codes: Voltage Errors (Grid/PV), Isolation Faults (Ground Faults), Frequency Mismatch, Temperature Shutdown. Refer to the solar inverter manual to decode the error message. Search for the exact code (e.g., Error F101 or State 307) online with your inverter's brand and model number for the fastest description.

Why is my solar inverter NOT working?

Loose or degraded wiring is a surprisingly common cause of solar inverter problems, especially in outdoor installations. Note: Do not open the inverter casing unless you are certified to work with high-voltage systems. Sometimes, a reset can solve minor glitches--similar to rebooting a frozen computer. To safely reboot your inverter:

Top 10 Solar Inverter Problems and How to Fix Them (2026 Guide) Is your solar inverter displaying an error? Discover the 10 most common solar inverter problems, from isolation faults to ...

Fault Description The fault NO-GRID is caused by the inverter not detecting voltage at the grid. Possible Causes The inverter is not detecting any AC The incorrect grid code has been ...

Is your solar inverter not working or showing a fault code? Discover 10 common solar inverter problems & easy troubleshooting tips to restore power quickly.

Learn the most common solar inverter errors, troubleshooting tips, and maintenance strategies to keep your PV system running smoothly and efficiently.

8.1.2.1 Inverter Standby No Sunlight Symptom Description The inverter is in standby mode with no light, and cannot be connected to the grid (DC indicator light is off).

Discover the top 5 solar inverter problems, how to fix them, and expert tips to extend inverter life. Troubleshoot issues before they impact your solar savings.

Learn why your Solis inverter displays a NO-GRID error and how to troubleshoot it effectively.

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The inverter is unable to detect the AC grid connection, as indicated by the &quot;NO-GRID&quot; error message on the display. This issue prevents the solar inverter from ...

If an inverter has been operating without any issues suddenly loses grid/load readings and stops allowing PV to generate (except for charging batteries) this is a sign that the grid relay has ...

Power-one or ABB Aurora inverter displaying missing-grid? This code means The inverter is unable to detect grid voltage at its AC output terminals, which prevents it from initiating or continuing energy ...

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