

Solar Energy South Africa

An alarm appears in the photovoltaic inverter background



Overview

Why does my inverter alarm disappear?

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. The major alarm ID, 2002, appears when the PV string power cable is in poor contact or when it arcs. Cause ID 1 = PV1 and PV2 Cause ID 2 = PV3 and PV4.

What is PV abnormal alarm (548-551)?

It is not a statement or advice on any of the Electrical or Solar Industry standards or guidelines. Please observe all OH&S regulations when working on Sungrow equipment. PV Abnormal Alarm (548-551) is a warning indicating that the inverter is detecting an unexpected amount of current through the strings or the MPPT.

Why is my inverter alarm ID 2039 not working?

If that's not the case, consult your local power operator. The alarm ID 2039 indicates a significant error when the power grid is short-circuited or the grid voltage drops dramatically, triggering the inverter protection. This error also raises the inverter transient output current above the upper threshold.

Why does the sun2000 alarm disappear?

After the PV array configuration is corrected, the SUN2000 alarm disappears. PV strings have been shielded for a long time. PV strings have deteriorated. Check whether the output current of a PV string is obviously less than the output current of other PV strings. If so, check whether the PV string is shielded.

How to fix sun2000 alarm?

Reduce the number of PV modules connected in series to PV strings 5 and 6 until the open-circuit voltage is less than or equal to the maximum inverter

input voltage. After the PV array configuration is corrected, the SUN2000 alarm disappears. PV strings have been shielded for a long time. PV strings have deteriorated.

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.

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Harmonics in Photovoltaic Inverters & Mitigation Techniques

appear as the distortion on the desirable sinusoidal waveform on power line. An inverter is an electronic device that can transform a direct current (DC) into alternating current (AC) at a ...

Solis Seminar ?Episode 25? : Solution for "OV-G-V0X" alarm

Solis is one of the world's largest and most experienced manufacturers of solar inverters supplying products globally for multinational utility companies, commercial & industrial rooftop ...



Lista completa dei messaggi di stato/allarme : Service Center

Verificare se la ventola interna dell'inverter si avvia; provare a riavviare l'inverter. Fan_H Alarm . Guasto della ventola esterna. Controllare se la ventola esterna si avvia; provare a riavviare ...

Fault codes and troubleshooting steps PV abnormal alarm 078 ...

Fault Condition. 1. It is detected that the current of the PV string that has been connected is

greater than 6A, and the string current of this input is less than 0.3A at the same time. 2. The

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TAX FREE

ENERGY STORAGE SYSTEM

Product Model
 HJ-ESS-215A(100KW/215KWh)
 HJ-ESS-115A(50KW/115KWh)

Dimensions
 1600*1280*2200mm
 1600*1200*2000mm

Rated Battery Capacity
 215KWH/115KWH

Battery Cooling Method
 Air Cooled/Liquid Cooled

Solis Seminar ?Episode 25? : Solution for "OV-G-V0X" alarm

Background In PV systems, grid over-voltage faults (OV-G-V0X) can occur frequently, especially in areas with weak grids and high solar PV grid-connected capacity. Such faults are common ...

What To Do When Your Inverter Gives "G-PHASE" Alarm

Grid unbalanced is an important issue that causes this alarm for the inverter because the inverter will monitor the grid voltage in real time. When the three-phase waveform of the grid is abnormal, the inverter will ...



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