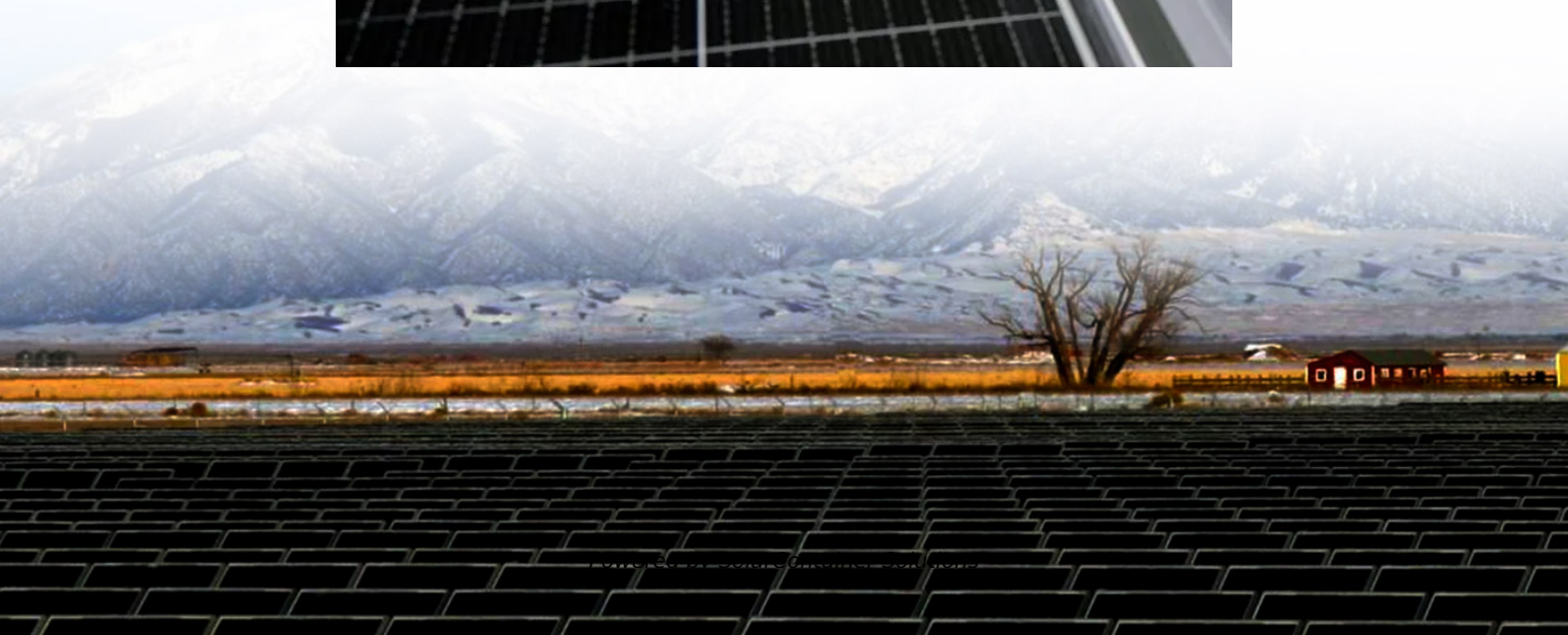


# **High frequency inverter voltage overcharge**





## Overview

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**Overvoltage** This is caused by a high intermediate circuit DC voltage. This can arise from high inertia loads decelerating too quickly, the motor turns into a generator and increases the inverter's DC voltage. There are other causes of DC overvoltage, however. POSSIBLE FIXES: 1. Turn the overvoltage controller.

This is detected by an imbalance of the currents supplying the motor implying a leakage current to earth is present. This is usually caused by poor insulation resistance to earth. POSSIBLE FIXES: 1. Check insulation resistance of the motor and cabling. 2.

We hope you found the information in this article useful if you have a fault not listed and you need technical assistance contact our engineering team.

This occurs when the motor is taking too much current with reference to the value in Group 99, motor data. POSSIBLE FIXES: 1. Check that motor's load is not excessive. 2. Check acceleration time – too fast an acceleration of a high inertia load will cause too.



## High frequency inverter voltage overcharge

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### [What Are the Common Causes of Frequency Inverter ...](#)

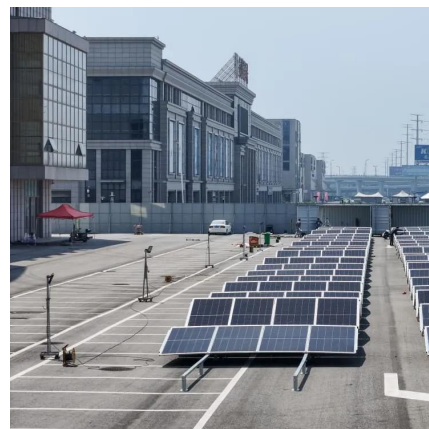
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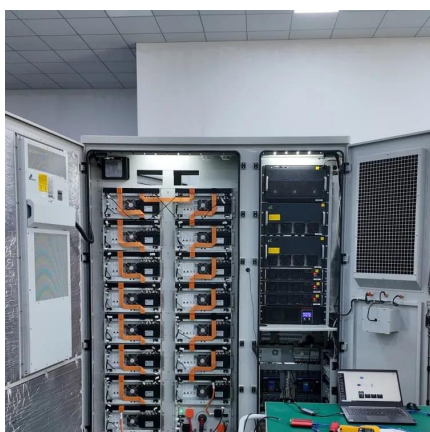
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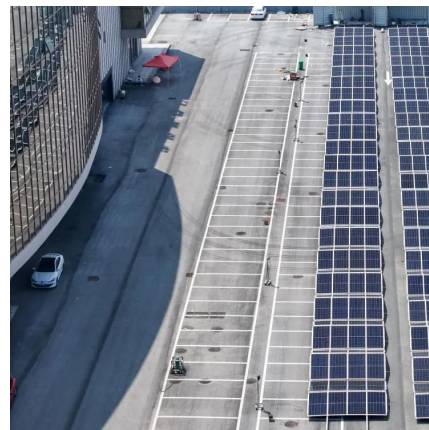
When battery voltage is low, the inverter senses this and activates its charging system. For example, if the battery voltage falls below 12 volts for a 12-volt system, the ...

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## Frequency Converter Trip Overload

Check whether the three-phase voltage on the motor side is balanced. If the three-phase voltage on the motor side is unbalanced, then ...

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## How to Eliminate Inverter Noise

Have you ever heard a high frequency sound coming from your inverter? How about a knocking or some kind of buzzing noise? There are many possible reasons for those, and this guide shows ...

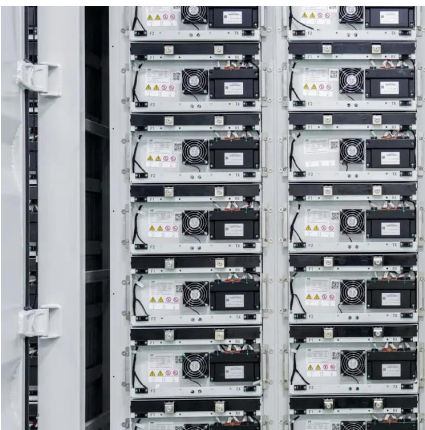
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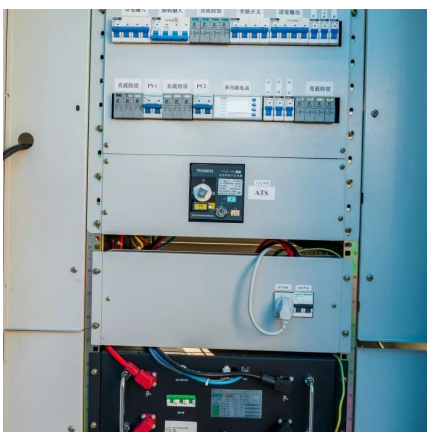
The IEEE 1547 standard requires that grid-tied or utility-interactive inverters cease power production if voltage measured at the inverter terminal exceeds +10% or -12% of nominal.

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This is caused by a high intermediate circuit DC voltage. This can arise from high inertia loads decelerating too quickly, the motor turns into a generator and increases the inverter's DC voltage.

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