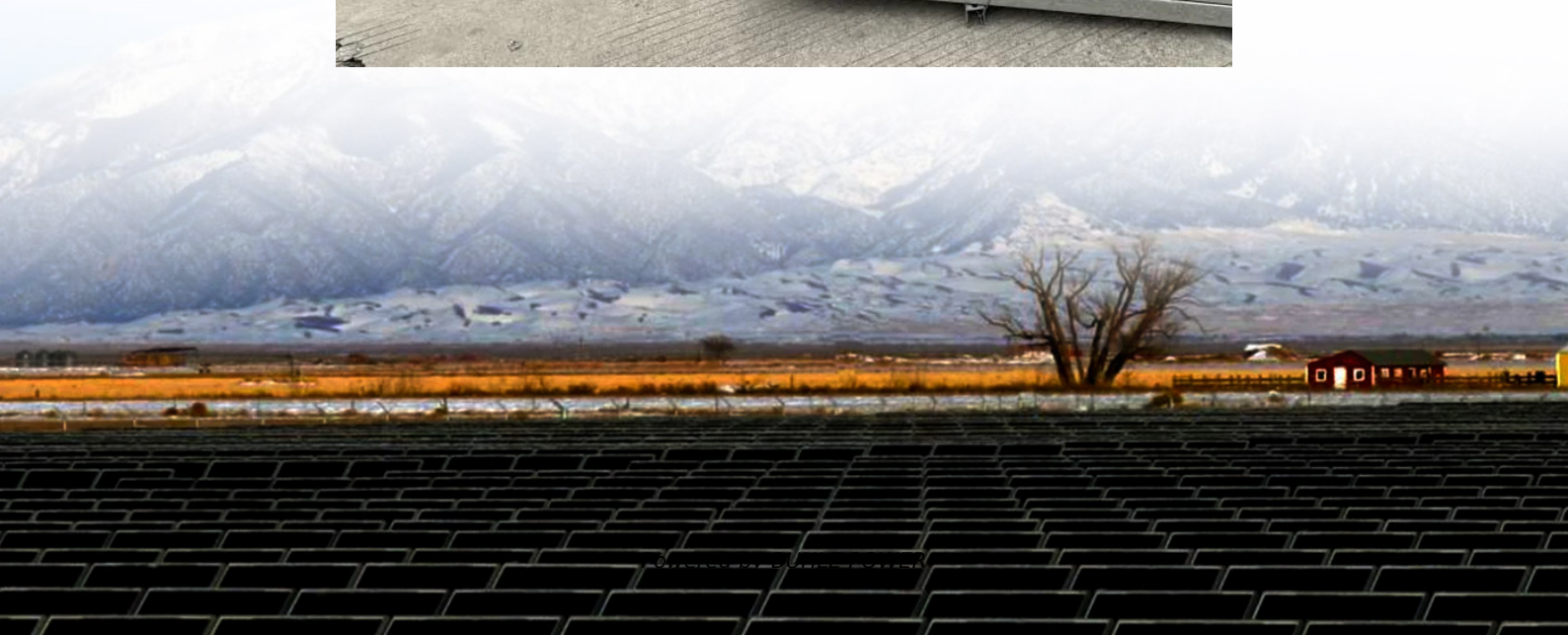


Blower fan battery cabinet voltage is low





Overview

Why is my blower motor not working?

In a situation where the motor doesn't work at any speed, the most likely causes are a blown power supply fuse, a bad motor ground connection, a bad motor speed control module, or a failed motor. On all systems, a failed blower motor is the least likely cause. Blower motors generally don't fail out of the clear blue.

What causes a blower motor resistor to fail?

If it's good, check for debris on the evaporator or heater. Decreased airflow causes the blower motor resistor to overheat and fail. Reduced airflow also causes the blower motor to work harder, draw more current and that can cause repeat blower motor resistor failures. The blower motor is drawing too much power.

What is a blower motor resistor?

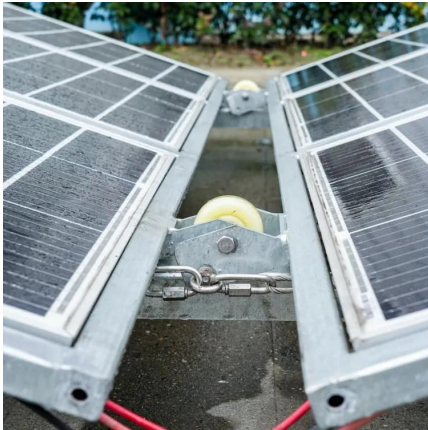
The blower motor resistor is a small electrical component that controls the speed of your HVAC system's blower fan. Think of it as a dimmer switch for your fan motor – it regulates how much electrical current reaches the blower motor, which determines how fast the fan spins.

What happens if a blower motor fails?

Faulty Blower Motor A failing blower motor that draws excessive current can overload and destroy the resistor. This is why it's important to test both components when diagnosing fan problems. Before starting your repair, gather these essential tools and materials:



Blower fan battery cabinet voltage is low



[How to test a blower motor and resistor](#)

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Sep 5, 2025 · What Does a Blower Motor Resistor Do? Q: What does a blower motor resistor do? A: It controls the speed of the HVAC blower fan ...



[electronic control module](#)

Aug 9, 2023 · There's two wires directly going to the fan motor (power/ground) as well shown in the diagram without much detail. Is the control module supposed to send constant voltage at ...



[Spot Bad Blower Motor Symptoms Before Total Failure](#)

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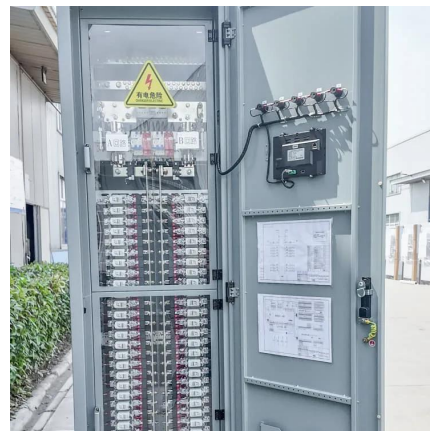


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You should see battery voltage (typically 12V) at the power input terminal when the fan is switched on. Current Draw Testing Measure the current ...

[HV battery cooling fan issues](#)

Feb 11, 2010 · DTC P0A85 means that the battery blower voltage is greater than expected. If the fan is operating and the blower relay was replaced, ...



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Feb 11, 2010 · DTC P0A85 means that the battery blower voltage is greater than expected. If the fan is operating and the blower relay was replaced, perhaps the blower motor controller ...



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[How to Tell If a Blower Motor Resistor Is Bad](#)

2 days ago · Observable Symptoms of Failure
The most common indication of a failing blower motor resistor is when the fan only operates on its highest speed setting. This classic symptom ...



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