

Inverter discharges but the power is small





Overview

Do inverters have problems?

Inverters are very useful devices that help us keep our homes and offices powered during electricity outages. They convert DC power from batteries into AC power that can run our appliances. But like any machine, inverters can sometimes have problems. This article will explain 15 common inverter problems and how to fix them.

Why is my inverter NOT working?

You might notice your inverter doesn't power devices as long as it used to. Causes: Solutions: If the battery is old, consider replacing it Use fewer devices to extend backup time Make sure the battery gets fully charged when main power is on 9. Inverter display not working Sometimes the inverter's screen might go blank or show wrong information.

What happens if an inverter is over rated?

Inverters have strict continuous and surge power ratings. Exceeding these limits, even briefly, can cause output instability. Induction motors (e.g., air conditioners) require 3-7 times their rated power at startup, and if the inverter lacks sufficient surge capacity, the protection circuit may trip. Solution:.

Why does my inverter trip when I restart?

Overcurrent is the most frequent alarm phenomenon of the inverter. (1) When restarting, the inverter trips as soon as the speed increases. This is a very serious phenomenon of overcurrent. The main reasons are: load short circuit, mechanical parts are stuck; inverter module is damaged; motor torque is too small, etc. (2) It trips when powered on.



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