

 Preview Solution CBR-2511-1

Inverter Low/No Power Shutoff Bypass - VN (4) - PR (4)

Published 2 October 2025

Valid For

Volvo Chassis - VN (4)

Mack Chassis - PR (4)

Model Year - 2025 to current

Overview

This document provides remedies for driver complaints of the inverter shutting off after a period of time, cutting off power to equipment that may be connected to the cab outlets.

The inverter has a timer that runs continuously when no or low loads are drawing through the inverter. The threshold for this is 50W, and equipment that is connected to the cab outlets that draws less than this will not reset the timer and will ultimately cause the inverter to shut off when the power save time is reached. There are three options to work around this timer if necessary:

Option 1 : Turn off the inverter timer

Setting 5 on the inverter controls the low-load timer on the inverter. The default setting is 25 hours. If this setting is set to OFF, the inverter will not shut off after it is turned on due to low or no load conditions. This timer can be changed by:

- Long press the button next to OK
- Using the button next to the arrow, navigate to setting [5] (default value is 25)
- Press the OK button to edit this setting
- Using the button next to the arrow, scroll to the OFF option
- Press the OK button to confirm this selection



If the low or no load setting is switched to OFF, ensure the vehicle's low power cut off in the SEM or instrument cluster is not set to off to prevent continuous battery drain. Please be sure to monitor the battery voltage and vehicle state of charge on the instrument cluster to prevent excessive battery drain.

Option 2 : Cycle the power on the inverter screen

The vehicle driver can cycle the power on the inverter to reset this timer if setting it to OFF is not a desired option. This will reset the setting [5] timer to begin counting again.

Option 3 : Connect a load that consumes greater than 50W of power to the cab outlets. This will reset the timer on the inverter

The driver can connect a load that draws at least 50W of power from the outlets to reset the timer in setting [5] as well. Loads that may draw above this threshold that can be used include microwaves, toasters, and **some** cell phone fast chargers

Related links and attachments

No links or attachments available



Share

to others that might find it helpful



Feedback

[Give feedback](#)

to help improve the content of this article