

Document Title:	Max Solar System Updates		
Document Type:	Technical Document	Make and Model:	Ember Overland and Touring Edition
Document #:	TD-26-03	Model Year:	2026 and 2027
VINs Affected:	Overland: 7RVTV2264TA003908 to 7RVTV2260VA004346 (non-sequential) Touring Edition: 7RVTT2277VA003920 to 7RVTT2296VA004321 (non-sequential)		
Revision Date:	08.18.2026	Flat Rate:	Code: 50000722 .5 hours

Tools Needed:

- Smartphone or Tablet
- Phillips Screwdriver

1) Purpose

This document outlines the steps required to remedy the '#67 BMS LOST CONNECTION' and invalid 'LOW VOLTAGE' error code occurring on select 2026 and 2027 Ember Overland and Touring Editions equipped with Battle Born Hub in the optional Max Solar Package.

2) Definitions

None of note.

3) Responsibilities

Repair technician to complete procedure.

4) Safety Terms

	DANGER indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury.
	WARNING indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury.
	CAUTION indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury.
	NOTICE is used to address practices not related to personal injury. This applies to hazardous situations involving property damage only.

5) Procedure

1. Remove the terminator from the inverter.
 - a. Remove the access panel of the inverter to locate the terminator. The terminator is a blue dongle, refer to Figure 1.

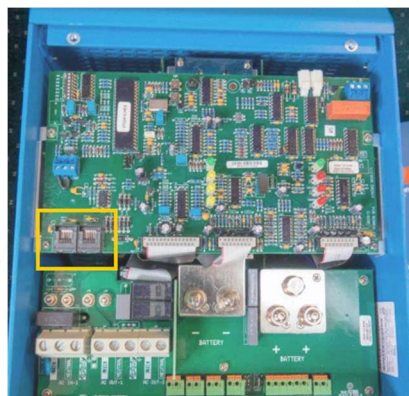
IMPORTANT: This step is not applicable for VINs 04131 and after; proceed to step 3.

Note: The inverter is located under the front bed in an electrical maintenance service area.

Note: This terminator is not needed and can be scrapped or saved for future use.



Figure 1: Terminator



2. Relocate the Cerbo terminator from the V.E. Bus port to the V.E. Can port.
IMPORTANT: This step is not applicable for VINs 04131 and after; proceed to step 3.

Note: The Cerbo will be located under the kitchen sink. If unable to locate, please contact Ember Warranty for further assistance.



3. Update Battery Firmware (Battle Born App):
 - a. Download the Battle Born Batteries app from your phone's app store.
IMPORTANT: If the app is already downloaded, make sure the Battle Born app is up to date in your phone's app store.
 - b. Open the app within 3 feet of the batteries and Hub.
 - i. Create account or log in
 - c. Add batteries and Hub to Battle Born app.
 - i. Select 'Configure'
 - ii. Select 'View Discoverable Devices' or scan QR code on the HUB.
 - iii. Enter system details (voltage, battery model, number of batteries).
 - iv. Select 'View Discoverable Devices' or scan QR Code on each battery.
 - v. Select 'Complete System Setup'

IMPORTANT: If batteries and Hub are already connected, wait about 10 seconds for the devices to connect.

- d. Tap the three dots in the top right corner.
 - e. Select 'Update Firmware'.
 - i. Update each device that shows an available update.
4. Check or update the systems firmware version.
 - a. Check Firmware:
 - i. At the Cerbo Touchscreen access settings.
 1. Select **Settings > General > Firmware**.
 - a. Verify firmware version = **V3.75**. If not, proceed to updating the firmware.
 - b. To Update Firmware Version:
 - i. At the Cerbo Touchscreen access settings.
 1. Select **Settings > Connectivity > Wi-Fi > Select Wi-Fi Network > Enter Password > Confirm Password**.

2. Return to the Settings screen by selecting 'Settings' or the back button at the top left of the screen.
 3. Select **General > Firmware > Online Updates > Check for Updates > Press to Check > Update/Install V3.75.**
5. Reconfigure Devices on Cerbo:
 - a. Navigate to **Settings>Devices>Multiplus>Advanced>Redetect VE.Bus system**
 - b. Navigate to **Settings>Devices>MPPT>Networked Operation>BMS Control>Reset**
IMPORTANT: Repeat for each MPPT in the system
6. Verify DVCC Settings:
 - a. At the Cerbo touchscreen, access settings.
 - i. Select **Settings>System Setup>Charge Control>DVCC**
 - ii. If DVCC is off, turn it on and confirm the following:
 1. Limit Charge Current: Off
 2. Limit Managed Battery Charge Voltage: Off
 3. Shared Voltage Sense (SVS): On
 4. Shared Temperature Sense (STS): On
 5. Temperature Sense: On
 6. Shared Current Sense (SCS): On
 7. SCS Status: Disabled (External Control)
 8. Controlling BMS: Automatic Selection
 9. Auto-selected BMS: Battle Born BMS

Maintenance Recommendations/Other

Safety, education, and customer satisfaction are our primary concerns. Should you have any questions, please contact us at 844-732-4204 or by email at warranty@emberrv.com.