



Instructions for resetting Low Voltage Disconnect (LVD) for the Venvolt 802.3 AF/AT battery

Per operating guide instructions - the Venvolt battery requires recharging at 50% or 12v.

Battery unit has approximately 15-20 minutes run time if powered on and below 12v/50% threshold before Low Voltage Disconnect (LVD) is engaged.

What is LVD?

As a safety switch to prevent over-discharging the battery, LVD engages once battery voltage reaches below a critical threshold. The disconnect opens the circuit between the load and the battery. Once engaged, the unit will not power up until it is reset.

Below are instructions for how to reset the LVD switch in the Venvolt battery.

1. Ensure the Venvolt unit is powered off by having the front rocker switched to "O" or off.



2. Using the included AC power supply, plug power supply into AC power and 12v pin into the Venvolt's side charging port. Ensure plug is fully inserted into the port.



The unit is charging even with the rocker switched to off. This is allowing 100% of the power delivered from the AC power supply to be delivered to the battery.

3. Wait 20 minutes until switching the front rocker switch to "I" or ON.
The unit should power up with approximately 55-65% battery capacity or 12v-12.3v shown on the display.
This indicates the LVD has been reset for battery.



4. For optimum battery performance, keep the AC charger plugged in until the battery is fully charged.
Digital display will read 100%/13.2v. Approximate recharging time is 4-5 hours.