

How to Troubleshoot a Solid Overload/Check Battery LED of an AVR/ECO/Internet/BC Model Tripp Lite UPS

When the Overload/Check Battery LED is illuminated solid red (not flashing), the output capacity of the battery-backup/surge-protected outlets on the UPS has been exceeded.

Here are some reasons why the Overload/Check Battery LED may be illuminated solid red:

- The total power draw of all the devices plugged into the battery-backup/surge-protected outlets of the unit exceeds the capacity of the UPS.
- The UPS needs to be reset. The UPS was previously overloaded and some equipment was removed to reduce the power draw of the connected devices.
- A severe surge has occurred and the UPS absorbed the damage, as designed, to protect connected equipment.

Follow the instructions listed in an attempt to restore normal operation:

1. Turn off and remove any equipment connected to the UPS.
2. Turn off the UPS: press and hold the On/Off button until the UPS beeps, then release the button. Disconnect the UPS from the AC outlet.
3. Determine if the UPS has a circuit breaker (button- or plunger-style) by examining the exterior of the UPS.
 - If there is no circuit breaker, continue to the next step.
 - If there is a circuit breaker, press the button inward. If there is no resistance and the button stays recessed, then the circuit breaker is already reset.
4. Confirm that the AC outlet is passing power by connecting another device, such as a radio or lamp, to the outlet.
5. Connect the UPS to the functioning AC outlet.
6. Turn on the UPS: press and hold the On/Off button until the UPS beeps, then release the button. The green On/Off LED should now be lit.
7. Verify that the power rating of the equipment to be plugged into the battery-backup/surge-protected outlets does not exceed the UPS output capacity. To do this, add together the power ratings for each piece of equipment and compare the total requirements to the capacity of your unit, which is listed a) on the bottom of the UPS, or b) on the Product Specification tab on the Tripp Lite website's product page. If the total power draw of the connected equipment exceeds the capacity of the UPS, the load **must** be reduced to conform to the output specifications of the unit. Note: This UPS has two types of outlets: battery-backup/surge-protected outlets that **do** provide battery-backup power, and surge-protected-only outlets that **do not** provide battery-backup power.
8. Reconnect the equipment that requires battery-backup power and is within the output capacity of the UPS directly into the battery-backup/surge-protected outlets. Turn on the equipment. Equipment that does not require battery-backup protection can be plugged into the surge-protected-only outlets.
9. Perform a self-test by holding the On/Off button for 3 seconds and releasing it after the **second** beep. The unit will register an alarm while it checks internal components and will briefly operate in battery mode to ensure that it is able to support the attached equipment. If the connected devices remain operational throughout the test, then the UPS is operating properly. Another series of beeps will indicate that the test is complete.



1111 W. 35th Street | Chicago, IL 60609 USA | 773.869.1234 | www.tripplite.com