





HeartMate 3™ Universal Battery Charger Guide

Universal Battery Charger (UBC):



What are slot indicator lights?

Slot indicator lights tell you the battery status or slot status. See table below for a description of the charger light codes.

Color	Status/Meaning
Green Light 	Battery is fully charged and ready for use.
Yellow Light 	Battery is charging or checking charge status.
Yellow Blinking Light 	Battery requires calibration.
Red light 	Battery is defective, slot is defective, or batteries are not making a good contact. Call VAD Emergency Number.

How do I know if my UBC has power?

The UBC has no alarm to indicate the unit has lost power.

- Always observe for slot indicator lights on the UBC when placing batteries into or out of the UBC.

How do I check what cycle the battery is on?

- If you push a slot number once, you will get a picture of a battery indicating how full the battery is at that time.
- If you push a slot number twice, you will get the number of cycles the battery has used and mAh (milliamp hours), which indicates the batteries ability to hold a charge.

What is battery calibration?

Calibration helps keep the battery power gauge accurate. Your VAD uses lithium ion batteries that measure the available battery power and count battery usage/charge cycles. After approximately 70 battery uses, the battery senses that it needs to calibrate its battery power gauge.

During calibration, the charger drains the battery of all electrical energy and then recharges it. Battery calibration can take up to 12 hours, and only one battery can be calibrated at a time. While calibrating one battery, the charger can charge three HeartMate™ batteries as usual.

How will I know when to calibrate the batteries?

The Universal Battery Charger (UBC) will alert you that a calibration of the battery is needed with a **blinking yellow light** for that slot and a **broken battery symbol** with the battery slot number in it.



You have the option to calibrate now or later at a more convenient time (such as at night) - the UBC will ask to calibrate each time the battery is placed into any charging slot.

How do I calibrate the batteries?

To calibrate the batteries, take the following steps:

- Within 10 seconds of the Blinking Yellow Light, **press and release** the number button for the pocket.
- **If you do not push** the Battery Slot Number **before 10 seconds** (to start the calibration) the battery will start to charge instead.
- When the calibration is complete, the yellow light turns off and the green light comes on, indicating the battery is fully charged and ready for use.
- The yellow charging light will turn green when the calibration process is completed.

Note:

- Calibration can occur in any charging slot.
- You must leave the battery in the same slot while the calibration is in process.
- The calibration process takes about 12 hours
- Reminder: You must wait for prompt to calibrate batteries you cannot “force” a calibration.

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