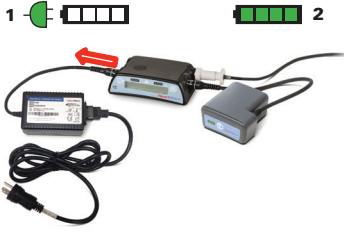


A Day With Controller 2.0

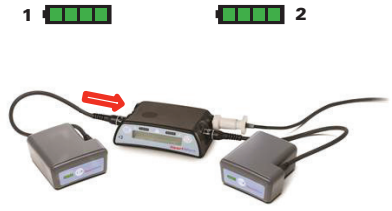


MORNING

When getting out of bed in the morning, you will need to switch from AC power and 1 battery, to 2 batteries.



1 Disconnect your AC adapter.

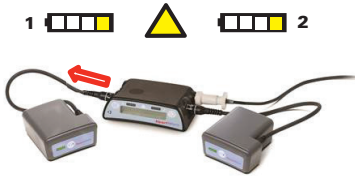


2 Plug a fully charged battery into Power Port 1.

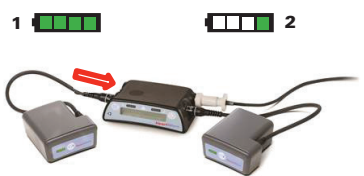


EARLY EVENING

Enjoy up to 14 hours of uninterrupted activity until both batteries reach 25% capacity.

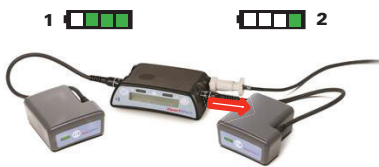


3 When the Low Battery alarm sounds, you have more than 4 hours of reserve capacity left. Disconnect only the battery from Power Port 1.



4 Plug a fully charged battery into Power Port 1.

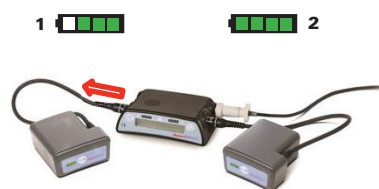
When you are ready to go to bed, connect a fully charged battery and then connect to the AC adapter.



5 Disconnect the battery with lower charge (Power Port 2).



6 Plug a fully charged battery into Power Port 2.



7 Disconnect the battery from Power Port 1.



8 Plug the AC adapter into Power Port 1.



NIGHT

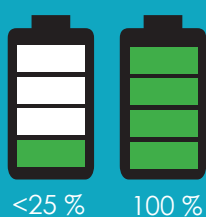
HeartWare®

Controller 2.0

Smart
Reliable
Accurate

Smart Battery Management. Exclusively on Controller 2.0.

The HVAD® System Patient Manual provides information on how to manage power sources with Controller 2.0. In addition to the Patient Manual, your clinician will give you instructions on operating your VAD and necessary medical care.



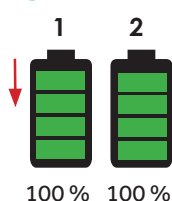
HeartWare®

Controller 2.0 Quick Start Guide

Smart Battery Management. Exclusively on Controller 2.0.

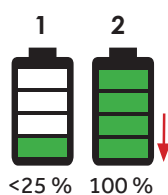
- Controller 2.0 uses the capacity of both batteries to allow you to go longer between battery changes
- The battery lights will no longer turn yellow at 50% capacity
- The Low Battery Alarm will now sound when both batteries reach less than 25% capacity
- The Critical Battery Alarm will eventually sound if a depleted battery is not exchanged

1



When 2 fully charged batteries are connected to Controller 2.0, the battery indicators each show four (4) **green** lights.

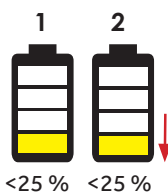
2



No Alarm

Once the first battery is depleted to less than 25%, Controller 2.0 will automatically switch to the other battery. Indicator lights for both batteries will remain **green**.

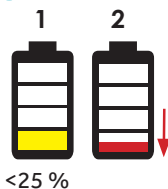
3



Low Battery Alarm

When both batteries are depleted to less than 25%, both battery indicators will show one (1) **yellow** light, and a low battery alarm will let you know that Battery 1 needs to be replaced.

4



Critical Battery Alarm

If no action is taken, a high priority alarm will eventually sound. The battery indicator will show one (1) **red** light and the display will read Critical Battery. A charged battery or a power adapter should be attached immediately to the power port with the critical battery indication.

Remember to never disconnect both power sources at the same time.

HeartWare®

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