

Care and Use of the Stellar™ 150

Internal Battery and Internal Battery Alarm Messages

- The internal battery duration on your Stellar™150 depends on:
 1. the state of charge,
 2. the environmental conditions,
 3. the condition and age of battery,
 4. the device settings and the patient circuit configuration (different settings and types of circuits have different amounts of power drawn from the internal battery when in use).
- Battery replacements, when needed, must be performed by the VEP. Internal batteries are not serviceable or able to be changed by clients. If you have any concerns regarding the function of the internal battery on your device, contact the VEP for troubleshooting and replacement of the battery if needed.
- In case of a mains power disruption, the device will operate using the internal battery if there is no external battery connected to the device.
- The internal battery will operate for approximately two hours under normal conditions. The power status of the battery is displayed on top of the LCD screen.
- Check the battery status regularly while operating the device with the internal battery and connect the device in time to mains power or alternatively to the external battery. Additionally the Internal battery use alarm will be displayed. Press the Alarm mute button to clear the alarm.
- To recharge the internal battery, connect the device to mains power. It can take up to three hours to fully recharge the internal battery, however this can vary depending on environmental conditions and if the device is in use.

Storing

- The internal battery has to be discharged and recharged every six months.
- Remove the power cord while the Stellar is providing therapy and let the device operate with the internal battery to a charge level of 50%.

- Reconnect the power cord to the mains power while the device is operating. The internal battery will be recharged.

Note: If the device is stored for a longer period the internal battery should be at the charge level of approximately 50% to increase the durability.

Stellar™ 150 Battery Alarms

Problem / Possible cause	Action
<p><u>LCD: Internal Battery Use!</u> The device is using the internal battery</p>	<p>Check if the power cord is properly connected to the device if you want to run from mains power. Press the Alarm mute button to cancel.</p>
<p><u>LCD: External DC Power Use!</u> The device is powered by an external battery</p>	<p>Check if the AC power cord is properly connected to the device if you want to run from mains power. Note: The alarm will be cleared automatically after one minute.</p>
<p><u>System Error 25</u> Internal battery malfunction</p>	<p>Contact the Ventilator Equipment Pool for battery troubleshooting and internal battery replacement if needed.</p>
<p><u>LCD: Internal Battery Low!</u> The internal battery capacity is below 30%.</p>	<p>Connect the device to mains power.</p>
<p><u>LCD: Internal Battery Empty!</u> The remaining battery charge is below 15%.The device can be powered by the internal battery for maximum 2 minutes.</p>	<p>Connect the device to mains power. Note: <i>In case of a total power failure, the therapy settings will be stored and therapy will resume when the device is powered again. The device must be powered on using the main power switch located at the back of the device.</i></p>

Source: ResMed Stellar™ 150 User Guide: ResMed Germany Inc.
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