CPAP Battery: ResMed Air 10 Series Device Connection

ResMed Air 10 Series devices operate from 24V direct current and the CPAP Battery operates from 12V direct current; therefore, the use of a 24V power converter is required to power these devices. Battery Power Solutions’ 24V Power Converter provides a clean, efficient conversion from 12V to 24V direct current.

The 24V power converter includes the 24V converter box and connection cords to fit both ResMed Air 10 and S9 series PAP devices. Each cord included with the 24V power converter has a tag to identify if it is compatible with ResMed Air 10 or S9 series devices.

CONNECTION INSTRUCTIONS

The 24V power converter must be connected to the CPAP Battery and the ResMed Air 10 series device in the exact order listed below or the voltage conversion will not initiate.

SINGLE BATTERY CONFIGURATION

- Insert the 24V power converter box into the DC out jack of the CPAP Battery.
- Locate the converter cord labeled “for ResMed Airsense 10” and insert it into the female end of the converter box.
- Insert the 24V power converter (with Airsense 10 connection cord attached) into the DC input port of the Air 10 series device.
- Turn the PAP device on and it should begin functioning.
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**DUAL BATTERY CONFIGURATION**
- Insert the DC power pigtail cord that is included with the CPAP Battery Kit into the DC out jacks of both Batteries.
- Insert the 24V power converter box into the female end of the DC power pigtail cord.
- Locate the converter cord labeled “for ResMed Airsense 10” and insert it into the female end of the converter box.
- Insert the 24V power converter (with Airsense 10 connection cord attached) into the DC input port of the Air 10 series device.
- Turn on the PAP device and it should begin functioning.

**ACCESSORIES NOT INCLUDED WITH STANDARD C-100 CPAP BATTERY KIT**
- **REQUIRED:** 24V POWER ADAPTER {BPS C-24V-RES}
  ResMed’s Air 10 DC/DC Converter or a sine wave power inverter may also be used to complete the connection between the PAP device and the CPAP Battery. Run times may be lower when using either of these connection options.

- **OPTIONAL ACCESSORIES:**
  - Auto Charge DC Cable {BPS DC.CABLE}: Used to charge the CPAP Battery in a vehicle (vehicle must be running).
  - 150W Sine Wave Power Inverter {BPS 150 INVERTER}: Used to charge the CPAP Battery in a vehicle (vehicle does not need to be running) and allows the CPAP Battery to power/charge other small electronic devices.
  - SunPower 40W Solar Panel {BPS SP40}: Used to charge the CPAP Battery using the power of the sun.