

ResMed Air 10 Series Connection Instructions

ResMed Air 10 series devices operate from 24V direct current and the Freedom™ CPAP Battery provides 12V direct current; therefore, the use of a 24V power converter is required in conjunction with the battery.

REQUIRED COMPONENTS

- Freedom™ CPAP Battery Kit
- ResMed 24V Power Converter

24V RESMED POWER CONVERTER

The 24V power converter includes the converter box and two output cords - one for ResMed Air 10 and one for ResMed S9 devices. Each output cord has a tag attached to it noting which device it fits. Set the converter box and the output cord labeled “ResMed Air 10” aside. Do not connect the output cord to the converter box yet as the converter box must be connected to the battery first.

SINGLE BATTERY CONNECTION

The steps below must be followed in exact sequence in order to initiate the voltage conversion process and thus allow the Freedom™ CPAP Battery to power the device. After connection if you are not receiving power to the device unplug all components and follow the instructions again.

- Plug the 24V power converter box into the DC OUT jack of the battery.
- Plug the ResMed Air 10 output cord into the power converter box.
- Plug the 24V power converter with the Air 10 output cord attached into the DC input port of the PAP device.
- Turn the PAP device on and it should begin functioning.
- The digital display screen will show the charge level of the battery. You may press the charge level indicator button to illuminate this screen. It will stay illuminated for a few seconds at a time.
- When not in use disconnect all devices from the battery thus allowing the battery to completely shut down.



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DUAL BATTERY CONNECTION

Dual battery connection will require an additional Freedom™ CPAP Battery (additional battery only not entire kit).

The steps below must be followed in exact sequence in order to initiate the voltage conversion process and thus allow the Freedom™ CPAP Battery to power the device. After connection if you are not receiving power to the device unplug all components and follow the instructions again.

- Plug the DC power pigtail cord into the DC OUT jacks of both batteries.
- Plug the 24V power converter box into the DC power pigtail cord.
- Plug the ResMed Air 10 output cord into the power converter box.
- Plug the 24V power converter with the Air 10 output cord attached into the DC input port of the PAP device.
- Turn the PAP device on and it should begin functioning.
- The digital display screen will show the charge level of the battery. You may press the charge level indicator button to illuminate this screen. It will stay illuminated for a few seconds at a time.
- When not in use disconnect all devices from the battery thus allowing the battery to completely shut down.



OPTIONAL FREEDOM™ CPAP BATTERY CHARGING ACCESSORIES

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