



## Freedom™ CPAP BATTERY

### FREQUENTLY ASKED QUESTIONS

#### **DOES THE FREEDOM™ CPAP BATTERY WORK WITH MOST COMMON MAKES AND MODELS OF PAP DEVICES?**

All PAP devices have different voltage and direct current capability requirements which determine the type of external battery that can be used. The unique universal design of the Freedom™ CPAP Battery and its device-specific connection components allow it to power most common PAP device models. See below to determine if your PAP device requires an additional connection component that is not included with the standard Freedom™ CPAP Battery Kit.

#### **HOW LONG WILL THE FREEDOM™ CPAP BATTERY RUN A PAP DEVICE?**

Multiple factors will affect how long the Freedom™ CPAP Battery will power a PAP device including, but not limited to, device type, pressure setting, altitude, humidifier usage, and if an additional connection component is required.

The use of heated humidification or heated tubing will significantly reduce run times by up to two thirds in most cases and in some cases could prevent the battery from being able to power the PAP device. For optimal battery performance it is recommended that you forgo the use of heated humidification or heated tubing.

BiLevel devices will have lower run times as the pressure setting of these devices is not constant and changes throughout the night which requires more power to operate the device. Some older obsolete PAP devices and targeted ventilation PAP devices may not be compatible or may require more power than the battery can provide.

Run times are based on CPAP devices on a pressure setting of 10 cm/H<sub>2</sub>O with no heated humidification or heated tubing.

#### **RESPIRONICS**

##### **DreamStation Series**

Requires 12V Power Adapter {BPS C-12V-DS}

Single Battery: 1-2 nights

Dual Battery Configuration: 2-4 nights

##### **M Series & System One Series**

No additional components required.

Single Battery: 1-3 nights

Dual Battery Configuration: 3-5 nights

#### **DEVILBISS**

##### **IntelliPAP 1 Series**

No additional components required.

Single Battery: 1-3 nights

Dual Battery Configuration: 3-5 nights

\*IntelliPAP 2 series will require the use of the sine wave power inverter.

#### **RESMED**

##### **Air 10 Series | S9 Series**

Requires 24V Power Converter {BPS C-24V-RES}

Single Battery: 1-2 nights

Dual Battery Configuration: 2-4 nights

##### **S8 Series**

Requires 150W Sine Wave Power Inverter {BPS INVERTER}

Single Battery: 1 night

Dual Battery Configuration: 2 nights

#### **MOST OTHER PAP DEVICES**

Requires 150W Sine Wave Power Inverter {BPS INVERTER}

Single Battery: 1 night

Dual Battery Configuration: 2 nights



**Battery Power Solutions**

Batteries to Power Your World!

# Freedom<sup>TM</sup>

## CPAP BATTERY

### FREQUENTLY ASKED QUESTIONS

#### **DO INSURANCE COMPANIES PAY FOR THE FREEDOM<sup>TM</sup> CPAP BATTERY?**

The Freedom<sup>TM</sup> CPAP Battery is not a Medicare coded item and is not considered medically necessary; therefore, it will most likely not be covered by insurance.

#### **CAN THE FREEDOM<sup>TM</sup> CPAP BATTERY BE USED AS A POWER BACKUP DURING POWER OUTAGES?**

Yes. You can connect your PAP device to the Freedom<sup>TM</sup> CPAP Battery and then connect the AC power supply of the Freedom<sup>TM</sup> to the wall outlet. In the event power is lost the Freedom<sup>TM</sup> will automatically begin powering the PAP device.

#### **CAN THE FREEDOM<sup>TM</sup> CPAP BATTERY BE USED TO POWER OTHER PORTABLE ELECTRONIC DEVICES?**

You can power or charge most portable electronic devices such as cell phones or tablets by using the 5V USB port of the Freedom<sup>TM</sup> battery. You can also use the DC input cord included with the Freedom<sup>TM</sup> CPAP Battery Kit to connect a device using its DC power cord. If the electronic device does not have a USB cord, DC power cord, or does not operate from 12V direct current, you can use the 150W Sine Wave Power Inverter (item #: BPS INVERTER) to connect the device to the battery. The power specifications of the device must be compatible with the Freedom<sup>TM</sup> CPAP Battery output specifications.

#### **HOW LONG DOES IT TAKE TO CHARGE THE FREEDOM<sup>TM</sup> CPAP BATTERY?**

When the Freedom<sup>TM</sup> CPAP Battery is completely discharged it will take approximately 4 hours (per battery) to charge regardless of the charging method. The battery does not need to be fully discharged before charging.

#### **CAN THE FREEDOM<sup>TM</sup> CPAP BATTERY BE CHARGED IN A VEHICLE?**

The Freedom<sup>TM</sup> CPAP Battery can be safely charged via the cigarette lighter/power socket of a vehicle by using either Battery Power Solutions' Auto Charge DC Cable (item #: BPS DC.CABLE) or 150W Sine Wave Power Inverter (item #: BPS INVERTER).

#### **CAN THE FREEDOM<sup>TM</sup> CPAP BATTERY BE CHARGED USING A SOLAR PANEL?**

Battery Power Solutions' SunPower 40W Solar Panel (item #: BPS SP40) was designed specifically for the internal circuitry of the Freedom<sup>TM</sup> CPAP Battery and allows the battery to be charged using the power of the sun.

#### **CAN THE FREEDOM<sup>TM</sup> CPAP BATTERY BE TAKEN ON AN AIRPLANE?**

The Freedom<sup>TM</sup> CPAP Battery meets current FAA requirements for lithium-ion batteries allowed in carry-on baggage (100 Wh or less per battery). Lithium-ion batteries that are not installed in a device are not allowed in checked baggage. If you are planning to use the Freedom<sup>TM</sup> CPAP Battery to power your PAP device during your flight, please contact your airline as they may have specific requirements regarding the use of PAP devices and/or lithium-ion batteries during flight.

#### **DOES THE FREEDOM<sup>TM</sup> CPAP BATTERY MEET SAFETY REGULATIONS & SHIPPING REQUIREMENTS?**

The Freedom<sup>TM</sup> CPAP Battery has been UN 38.3 tested and meets all current safety regulations and shipping requirements.

#### **WHERE CAN I PURCHASE BATTERY POWER SOLUTIONS PRODUCTS?**

Battery Power Solutions is a business-to-business company and does not sell directly to consumers; however, we have authorized dealers throughout the United States and Canada. Many of our dealers also have e-commerce websites and ship internationally. Please contact us via phone at 877-445-5228 or e-mail at [info@batterypowersolutions.net](mailto:info@batterypowersolutions.net) and we will be happy to assist you in finding a dealer in your area.