

PORTABLE OUTLET

Model # PO1600UPSX9

Uninterruptible Power Supply and Battery

INCLUDES:

- ① Rechargeable Lithium-ion 159Wh Battery
- ② 110V Charging Cord
- ③ Travel Bag



Owner's Manual

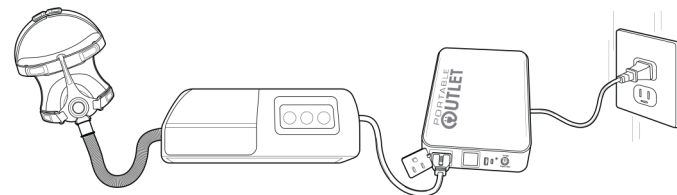


Diagram for CPAP set-up at home.

Portable Outlet a product of CPAP Life, LLC
1595 Peachtree Pkwy, #204-135, Cumming, GA 30041
Instructional videos at www.po1600ups.com

470-297-5778
www.PortableOutlet.com

General Description

Thank you for purchasing the Portable Outlet, Uninterruptible Power Supply and CPAP Battery. Enjoy the peace of mind of knowing that if your home suffers a power outage, your CPAP/BiPAP therapy will continue to operate without interruption. It also works as a stand-alone battery for use while travelling, camping or off-grid.

Operating Temperature

A Lithium-Ion battery can run as hot as 105°F to 120°F. While charging or using as an Uninterruptible Power Supply, the middle of the battery will feel hot to the touch.

WARNINGS

- Keep away from children. Do not let children play with or operate.
- Do not place objects in the AC Outlet. Only plug compatible, 110V cords into the AC Outlet (no bare electrical cords or wires).
- Not intended for bulky electronics that draw substantial power. (No appliances, coffee makers, microwave ovens, power tools, etc.)

Attempts to power devices >100W will overload and may damage the battery.

- Use or charge between 40°F and 105°F ambient for best results.
- Keep away from liquids, flammable/explosive materials and fire.
- Do not expose to water or use in rain, snow or misty weather.
- Do not attempt to disassemble or open the product.
- Only charge the battery with the power cord included.
- Do not use battery on carpet or other soft surfaces.
- Always allow for airflow under and around the battery.
- Do not place battery on it's side or otherwise block ventilation holes.
- Batteries must be discarded at authorized battery recycling centers.

BATTERY USE QUESTIONS (continued)

Problem	Possible Solutions
My CPAP only ran a few hours while using the battery.	When possible, follow these guidelines: 1) Turn OFF the Heated Tube when applicable. 2) Turn OFF or remove the Heated Humidifier. 3) CPAPs increase pressure to compensate for leaks. Replace your mask or try a Full Face Mask. Leaks may occur with Nasal Masks. Visit www.PortableOutlet.com/maxlife to learn more.
While camping the battery quickly died.	The outside temperature may be too cold. Lithium-ion cells drain rapidly below 40°F and above 105°F.
The battery is hot while plugged in as an Uninterruptible Power Supply.	The operating temperature of a Lithium-Ion battery is 105-120 degrees. The bottom of the battery will feel hot. This is normal. If possible, stand the battery on its tail (where the serial number is located). This will help dissipate heat through the side vent holes.
The USB-C output does not charge my Android phone.	Your USB-C cable may be damaged or is not able to transfer data. Try using a different USB-C cable.

BATTERY FAILURE

After all attempts, it will not charge	The battery may be defective. Contact for possible warranty replacement.
The outlet will not power anything	The battery may be defective. Contact for possible warranty replacement.
Any battery noises (buzzing or clicking)	The battery may be defective. Contact for possible warranty replacement.

Contact 470-297-5778 for technical support

CHARGING QUESTIONS

Problem	Possible Solutions
How can I tell if the battery is charging?	When the charging cord is plugged in, the display will show a flashing ⚡ symbol and the words “ AC IN ”. The battery life percentage is also displayed.
It is plugged in and does not appear to be charging.	1) Confirm the power cord is all the way in the right side of the battery. 2) Confirm the outlet you're using to charge the battery has power. Try another wall outlet. 3) Depleted batteries may take a minute for the display to activate. 4) Unplug the power cord from the battery, rotate cord end 180° and plug back in battery. 5) The battery display may be turned OFF. Press the button once to turn the display ON.
My battery charges slowly.	The initial charge may take up to 5 hours. Car and solar panel charging times may vary.
My battery won't reach 100%	Discharge the battery by removing the charging cord and run battery completely down to 0%. Then recharge the battery up to 100%.

BATTERY USE QUESTIONS

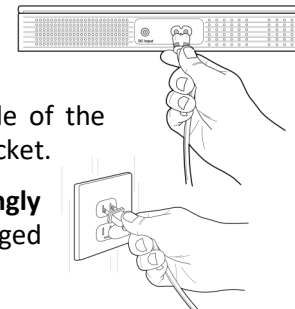
I do not get power from the battery.	First be sure it is turned ON by pressing the On/Off button for 3 seconds. Confirm the green LED is on and the display reads “ PWR ON ”.
I pressed the On/Off button for 3 seconds and the display flashed 05	1) The battery is depleted. Charge the battery 2) It had a power surge, or overloaded. Unplug all cords. Wait 5 minutes. Plug cord into battery and wall outlet to reset it.
The display was on, but turned off when I plugged a device in the battery outlet.	It overloaded. Unplug all cords. Wait 5 minutes. Plug the charging cord into the battery, then into the wall outlet to reset it. NOTE: Overloads happen when the device you are powering has an output >100W.

Charging the Battery

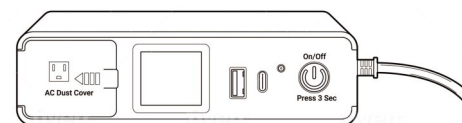
Plug the charging cord into the AC Input

The AC Input is located on the right side of the battery. Plug the other end into a wall socket.

Using a quality surge protector is strongly recommended. The battery can be damaged by a power surge.



Left to Right: AC Outlet Dust Cover, Display Screen, USB-A Port, USB-C Port, Power LED and On/Off Button.



The battery should fully charge within 4 to 5 hours.

When connecting or disconnecting the charging cord, the charge percentage display may fluctuate slightly.

While the battery is charging, a green flashing ⚡ symbol and the words “**AC IN**” will appear on the display. The battery charge percentage will increase. When the battery is fully charged, the ⚡ symbol is solid and no longer flashes.

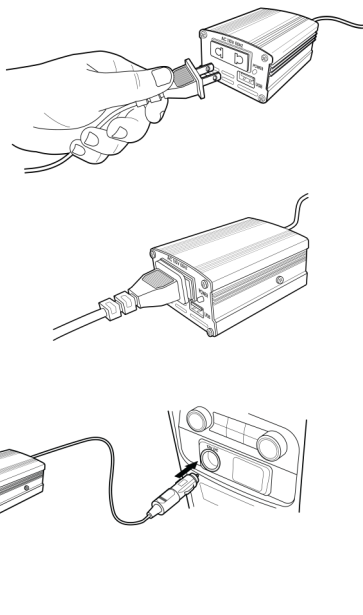


Using the 150W Car Inverter (sold separately)

Plug the charging cord into the front of the DC2AC150 Car Charger.

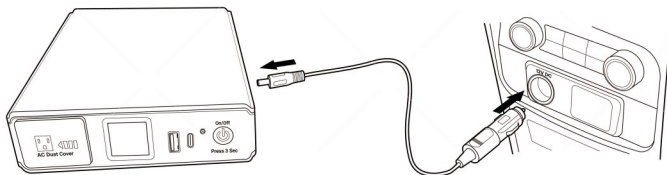
The universal DC to AC car charger (110V inverter) plugs directly into the vehicle's 12V output/lighter adapter. This inverter can also power other small electronics.

It typically takes 5 to 6 hours to recharge the battery. You should use the car charger while the vehicle's engine is running or turn the engine on every 30 minutes.



Using the 12V DC Car Charger (sold separately)

Plug the 12V DC car charger into the vehicle's 12V output/lighter adapter. Plug the other end into the battery's DC Input port. The DC car charger is proprietary to our battery. Do not use with other electronics devices.



Limited Warranty

- Please read the “Troubleshooting” section on pages 10 and 11 or visit www.po1600ups.com and refer to the “Operating the PO1600UPS” video BEFORE making a warranty claim.
- There is a 1 Year Limited Exchange Warranty on the battery beginning from the date of purchase. **Proof of purchase is required which must include:** your name, date of purchase and serial number of the battery in question. Warranty covers defects in the product due to faults in material or workmanship.
- The warranty will become VOID if repairs are attempted, or if the battery is opened.
- The warranty does not cover damage due to normal wear and tear and/or from improper use.
- Warranty or replacement is at the discretion of CPAP Life, LLC.

For more information visit www.portableoutlet.com/warranty.

Environmental Notice

This product contains a rechargeable lithium-ion cells. Please follow local regulations regarding battery disposal in your area.

Specifications - Model # PO1600UPSX9

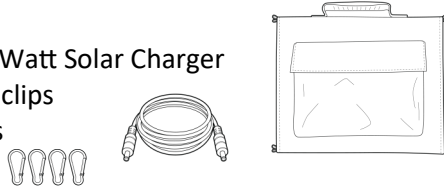
Battery Capacity:	159 Wh/14.4Ah
AC Input:	110V/60Hz
DC Input:	12-19V, 2-3.2A
AC Output:	110V/60Hz
USB-A and USB-C Output:	5V-12V, 3.0A-3.6A (shared)
Rated/Peak Power Output:	100W/145W
Battery Recharging Time:	Approx. 5 Hours
Weight:	3.0 lbs.
Dimensions:	6" x 9.25" x 1.5"

Using the Solar Panel Charger (sold separately)

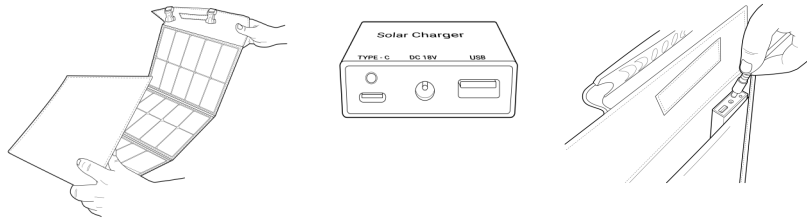
This compact and portable solar charging system is a great way to recharge the Portable Outlet 1600UPSX9 battery with sunlight.

The system includes:

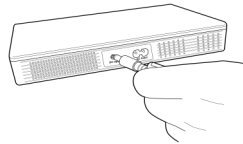
- Foldable, 4 panel, 18 Volt, 60 Watt Solar Charger
- 4 carabiner, aluminum D-ring clips
- USB-A and USB-C power ports
- 6 foot charging cable



Unfold the Solar Panel, place it on a flat surface in direct sunlight.

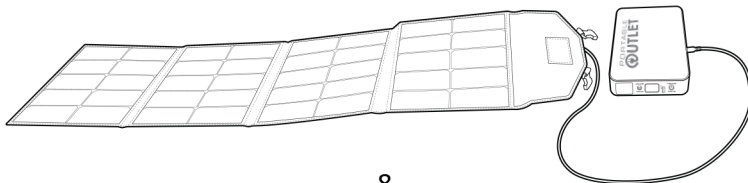


Then plug one end of the cord into the connection box in the solar panel pouch and the other end into the DC Input port of your Portable Outlet battery.



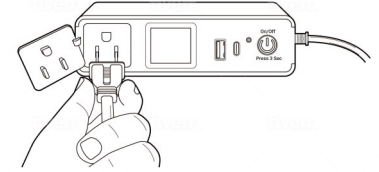
Keep the battery in the shade. It will get VERY HOT in direct sunlight. DO NOT place the battery under the solar panel while it is charging.

Recharge the Portable Outlet and simultaneously charge small electronics with the USB-A and USB-C power ports on the solar charge controller.



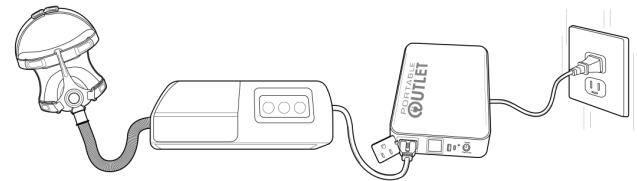
Plug your Device into the AC Outlet

Open the Dust Cover and plug your device into the AC Outlet.



Connecting your Battery at Home

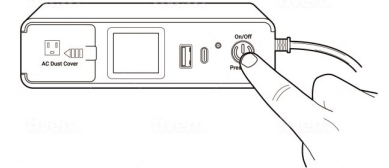
When using your battery as an Uninterruptible Power Supply (UPS), connect your CPAP or BiPAP device to the battery as shown below. While receiving therapy the battery stays charged.



Turn the Battery ON or OFF

Press the button for 3 seconds to turn the battery ON or OFF

Once the On/Off button is pressed for 3 seconds and released, the green LED will illuminate. The screen will display these icons:



 PWR ON 50% AC IN	 = Charging 50% = Battery life percentage AC IN = AC Charging Cord is powering the battery	PWR ON = Battery is ON
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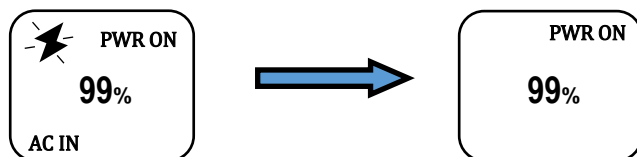
When you turn OFF the battery, the green LED will go out and the display will read “MAIN OFF” before powering down.

MAIN OFF

During a Power Outage

In the event of a power outage, the Portable Outlet seamlessly switches to the battery mode. There will be no interruption to your CPAP or BiPAP therapy (until the battery is depleted).

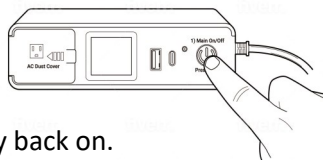
The display will change when there is a power outage:



Managing the Display

You have the option to turn off the battery percentage display.

When the battery is ON and the green LED is illuminated, double-click the ON/OFF button to turn off the display.



Click the button once to turn the display back on.

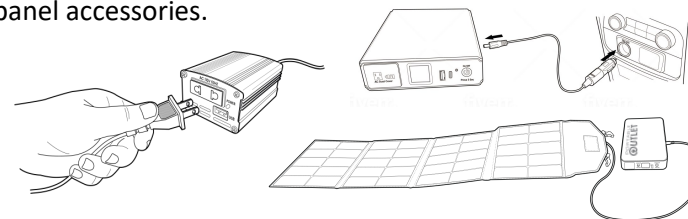
USB Output Ports

The USB-A and USB-C ports share a 5V-12V, 3.0A-3.6A output. If both ports are used simultaneously, the output power is shared.

These are not charging inputs. Do NOT attempt to charge the battery with a USB charging cord or power supply.

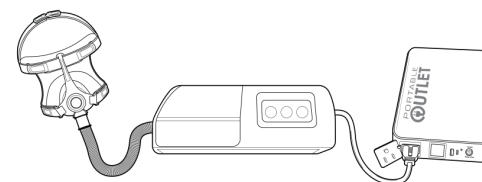
Using as a Stand-Alone Battery

Make sure your battery is fully charged and turned OFF before you leave the electrical grid. If AC power is unavailable for recharging, consider the Portable Outlet car charging and solar panel accessories.



To maximize battery life, turn off your electronically heated tube or use a standard tube. Turn off your Heated Humidifier or reduce the setting to level 1 or 2. Make sure you are not having mask leaks. Visit www.PortableOutlet.com/maxlife to learn more.

- 1) Confirm that your battery is fully charged. Then plug your CPAP into the AC Outlet on the front of the battery.



- 2) Press the **On/Off** button for 3 seconds to turn the battery ON. The display will look like this:

