



Medistrom Pilot Flex

Virtual Training Guide



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About the Pilot Flex

Backup Power Supply

The Pilot Flex is a dual voltage battery that is compatible with various 12V and 24V PAP devices. While using the Pilot Flex as a permanent backup power supply, you can rest assured that you won't awake in the middle of the night to find that your CPAP machine is not running. If the power is interrupted at night, your CPAP machine will draw power from your Pilot Flex without any interruption.

Travel Battery

Using the Pilot Flex as a Portable Travel PAP Battery will help you receive PAP therapy on the go. This includes remote locations where mains power is not available in situations such as camping, road trips, and during air travel. Multiple Pilot Flex batteries can also be linked together to provide additional run-time.

Additional Features

The Pilot Flex can also be used as a charging station for various electronic devices. With the built-in USB-A and USB-C ports, it is capable of powering a variety of handheld electronic devices such as mobile phones, tablets, and cameras. The Pilot Flex is available for purchase in two colours - Charcoal and Dark Navy.

What's Included

- Pilot Flex Battery
- Output Cable for ResMed AirMini
- Short Charging Adapter for ResMed AirMini
- Product Manual & Quick Start Guide (English, French, Spanish)

Specifications

- FAA Compliant
- **Capacity:** 98 Wh
- **Cell Type:** LG/Samsung Industrial grade genuine rechargeable lithium ion cells
- **Rated Input:** 12V-24V 60W; USB-C: 5V-20V 45W Max
- **Rated Output:** DC 12V/24V 60W Max; USB-C: 5V-20V 45W Max; USB-A: 5V-12V 18W Max
- **Life Span:** Over 500 full charge/discharge cycles
- **Case:** Aluminum
- **Weight:** 1.2 lbs

- **Power Gauge:** 4 stage Charge Level Indicator Lights
- **Charging time:** 2-3 hours (7-9 hours via the ResMed AirMini AC Adapter and 4-6 hours via a 45W USB-C charger)
- **Warranty:** 1 Year

Control Panel Guide



1. **Charge Port:** Plug the compatible AC adapter into this port (use the short charging adapter cable if required). Ensure that the AC adapter is plugged into the main power outlet. Once the battery is charging the 4 green Charge Level Indicator Lights will turn on.
2. **Multi Function Button:** Pressing the button will show the battery's charge level.
3. **Voltage "ON" Indicator Light:** A light will shine beside the 12V or 24V indicating the current output voltage of the battery.
4. **Green Charge Level Indicator Lights:** When the battery is being charged, the lights will blink, and then shine solid green showing the level of charge going from 1 light to 4 lights. Press the Multi Function Button to turn on the battery.
5. **USB-A Port (5V/2.4A, 9V/2A, 12V/1.5A):** Can be used to charge handheld devices (please check that the output Voltage and Amperage is compatible with the device that needs charging via the USB before connecting). Once connected press the Multi Function Button to turn on the battery.
6. **USB-C Port (Output: 5V/3A, 9V/3A, 12V/3A, 20V/2.25A and Input: 5V/3A, 9V/3A, 12V/3A, 20V/2.25A):** The USB C port can be used to charge portable devices in the output capacity and will supply a maximum of 45W. The Pilot Flex can be charged using the USB C port with a maximum input of 45W.

Please note that the USB C port cannot be used while a PAP device is connected to the battery.

7. **DC Out Port:** This port is used to connect a compatible PAP device to the battery.

Compatibility

Introducing the new Pilot Flex - a revolutionary small Backup Power Supply & Portable Travel Battery for PAP Devices. The Pilot Flex is compatible with:

- ResMed AirMini
- ResMed AirSense 11*
- ResMed AirSense 10*
- BMC Luna G3*
- Löwenstein Medical Prisma SMART*
- Apex Medical iCH*
- Sefam S.Box*
- SmartMed iBreeze*
- Philips Respironics DreamStation 1 & 2/System One S60*

**Cable kit sold separately*

Pilot Flex Compatibility & Required Cables:

Brand	Machine Model	Required Cable Kit
ResMed	AirMini	AirMini Cable Kit (Included with Pilot Flex)
	AirSense 10	AirSense 10 DC Output Cable
	AirSense 11	AirSense 11 Cable Kit
Philips Respironics	DreamStation 1	DreamStation DC Output Cable
	DreamStation 2	DreamStation DC Output Cable
	System One S60	DreamStation DC Output Cable
Apex	Apex iCH	Apex Medical Cable Kit
Löwenstein	Löwenstein Prisma SMART	Löwenstein Prisma SMART Cable Kit

BMC	BMC Luna G3	AirSense 10 DC Output Cable
SmartMed	iBreeze	Apex Medical Cable Kit
Sefam	S.Box	Apex Medical Cable Kit

Accessories

There are two on-the-go charging accessories available for the Pilot Flex Batteries. The Pilot Flex can also be charged using a USB-C cable with a maximum input of 45W.

Medistrom Solar Panel:

- When not being used, the Solar Panel folds up to a convenient travel size, making it the perfect accessory to bring along on a camping or hiking trip
- There are two output ports on the Solar Panel. Output 1 is to charge the battery using a cable provided with the Solar Panel. Output 2 is a USB output port that can be used to charge handheld devices.
- The Solar Panel should be placed in clear, sunny conditions to charge the battery. This will take approximately 7-9 hours for a full charge.
- Be sure to place the Pilot Flex battery under the Solar Panel flap or somewhere out of direct sunlight while charging

Medistrom Car Charger:

- The Medistrom Car Charger will allow the Pilot Flex battery to be charged via a car battery. This makes it a great accessory for road trips, car camping or charging on the go!



Setting Up Travel Configuration



- To set up the Pilot Flex batteries in travel configuration, begin by taking the DC Output Cable for the CPAP labeled for the machine that is being used.
- Connect the 'L' shaped end with the yellow tip into the DC Out port of the battery and connect the other end into the CPAP Machine
- The battery can detect that it has been connected and will begin to supply power to the CPAP machine

Setting Up Backup Configuration



- Similar to the travel setup, begin by connecting the Pilot Flex Battery to the CPAP Machine using the DC Output Cable
- If the CPAP machine's power cord is directly compatible with the Charge Port of the Pilot Flex, connect the power cord to the wall outlet and to the Charge Port of the Battery

- If a Short Charging Adapter Cable is required, this will allow for the CPAP machine's power cord to connect to the Charge Port of the battery (similar to the AirSense 11 setup in the image above)

Warranty

There is a 1-Year warranty on all Medistrom products. This warranty begins from the date that the patient purchases their Medistrom Battery or accessory and applies to any manufacturer defects.

- We recommend that if your patients have any questions regarding the use or performance of their battery, that they contact one of our technical support representatives directly
- The support team will then go through any troubleshooting steps, or begin the RMA process with your patient
- The telephone number and email for the support team can be found on the back of the battery