

Medistrom Pilot-24 Lite

Battery and Backup Power Supply User Manual



THIS PACKAGE INCLUDES:

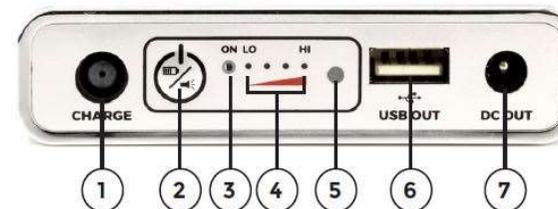
- Pilot-24 Lite
- Apex ICH / Resvent iBreeze kit for Pilot-24 Lite
- Battery Carry Sleeve

Intended Use

Pilot-24 Lite is manufactured with genuine LG industrial grade rechargeable lithium ion cells. The Pilot-24 Lite can be used as a backup power source to prevent interruption to PAP therapy in the case of a power outage. Pilot-24 Lite can serve as a portable PAP battery during travel by air, land, or sea when the mains power source is not available.

Pilot-24 Lite has a USB port (output: 5V 2.5A) which can be used to charge cell phones, tablets and other commonly used handheld devices rated for receiving the above USB power output.

Control Panel



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 mains power outlet. Once the battery is charging the 4 green Charge Level Indicator Lights will turn on.

2. Multi-Function Button

Pressing the button once will show the battery's charge level (if the battery is in Standby Mode: refer to Stand-by Mode on page 3). Holding the button for 3 seconds will turn the LED Flashlight On and Off.

3. Blue "ON" Indicator Light

The light will shine solid blue once the battery is connected and is sending power to a compatible PAP device.

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 Lo to Hi. Refer to page no. 2 for a guide to charge levels.

5. LED Flashlight

Can be turned ON and OFF by holding the Multi-Function Button for 3 seconds. Note: If the Pilot Lite battery is not connected to a device, the flashlight will turn OFF automatically after 10 minutes, otherwise, the flashlight will remain ON.

6. USB Port (5V 2.5A Out)

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.

7. DC Out Port

This port is used to connect a compatible PAP device to the battery by using the matching DC output cable.

Recharging

Pilot-24 Lite is designed to be charged using the Apex ICH / Resvent iBreeze original AC power adapters directly. Charge times for the Pilot-24 Lite via the Apex ICH / Resvent iBreeze AC adapter is approximately 2-3 hours. Run times will vary based on prescribed pressure, patient breathing pattern, mask seal, use of any additional features or attachments such as pressure relief.

NORMAL OPERATION	
Green Charge Level Indicator Lights	
4 solid green lights	Greater than 90% capacity remaining
3 solid green lights	65% - 90% capacity remaining
2 solid green lights	40% - 65% capacity remaining
1 solid green light	10% - 40% capacity remaining
Green lights flashing consecutively	Battery is charging

ATTENTION!

For optimal run times while using your Pilot-24 Lite with a compatible PAP device please **disable and/or detach** any humidifiers and heated tubing.

Mask leaks or high PAP pressures can greatly decrease run times.

Connecting Pilot-24 Lite to AC Power Adapter



Plug the power connector from the Apex ICH / Resvent iBreeze AC adapter into the Charge Port of the Pilot-24 Lite and plug the other end into the power outlet.

Connecting Pilot-24 Lite to PAP Device



Plug the L-shaped yellow tipped end of the DC Out Cable for Apex ICH / Resvent iBreeze into the DC Out Port of your Pilot-24 Lite and plug the other black tipped circular end into the power connector port of Apex ICH / Resvent iBreeze PAP Device.

Stand-by Mode

If the PAP device has been connected but not used within 10 min (or the PAP device is turned off for 10 min), the Pilot-24 Lite will go into Stand-by Mode to conserve power. To wake the Pilot-24 Lite press the Multi-Function Button.

Safety Usage Information

- DO NOT expose battery to temperatures above 40°C / 104°F (Fire Hazard!)
- DO NOT expose battery to temperatures below -10°C / 14°F (Cell Damage Hazard!)
- DO NOT expose battery to relative humidity above 85% (Electrical Hazard!)
- Normal operating ambient temperatures are 0°C / 32°F to 35°C / 95°F
- Fully charge battery before storage and at least every 6 months thereafter
- Do not expose the battery to liquids of any kind. Keep out of direct sunlight.
- To reduce the risk of injury, close supervision is necessary when the Pilot-12 Lite/Pilot-24 Lite is used near children.
- Do not use the Pilot-12 Lite/Pilot-24 Lite in excess of their respective output ratings. Overloading outputs above rating may result in a risk of fire or injury to persons.
- Do not use a Pilot-12 Lite/Pilot-24 Lite that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury to persons.
- Do not disassemble the Pilot-12 Lite/Pilot-24 Lite. Take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or injury to persons.
- Make sure the Pilot-12 Lite/Pilot-24 Lite is switched off when not in use.

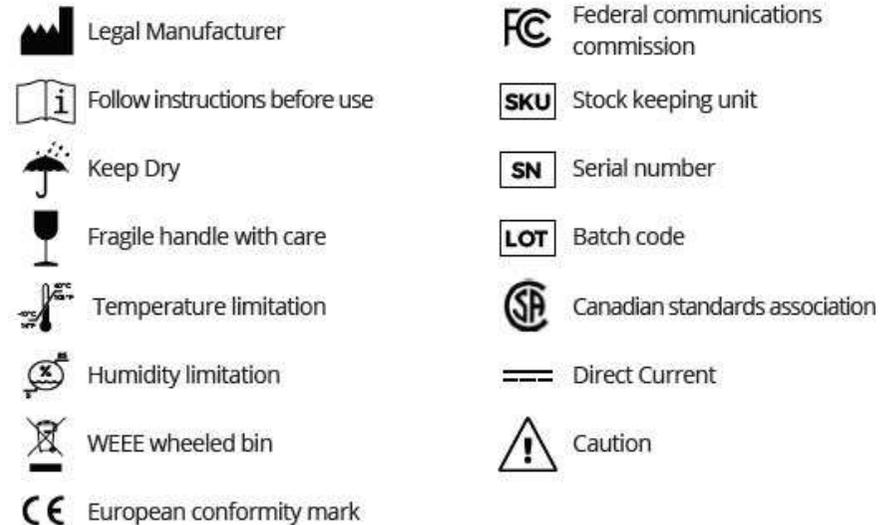
Specification

- Capacity: 95Wh
- Cell Type: LG Industrial grade genuine rechargeable lithium ion cells
- Rated Input: 24V, 60W(NORMAL) 90W(MAX)
- Rated Output: DC 24V, 3.5A
- USB Out: 5V, 2.5A
- Life Span: Over 500 full charge/discharge cycles
- Case: Aluminium
- Dimensions: 17cm x 9cm x 2cm, Weight 1.3lbs
- Power Gauge: 4 stage Charge Level Indicator Lights
- Recharge time: 2-3 hours via Respiration DreamStation AC Adapter (charging via other compatible adapters may be longer)

Travelling with Pilot-12/24 Lite

The Pilot-12/24 Lite Battery Backup Power Supplies each have a 95Wh capacity. Many airlines will allow batteries under 100Wh to be taken into the cabin for travel. Please always consult with your particular airline and flight to confirm that your Pilot-12/24 Lite can be taken with you in your carry-on prior to travelling. If you plan on charging your Pilot-12/24 Lite with the car charger, please make sure to test the car charger before travelling.

If you plan on travelling and you have not used your Pilot-12/24 Lite in the battery configuration, we strongly suggest that you test run the unit in the battery configuration prior to travelling in order to get an idea of what run-time you could expect. For optimal run times please disable any additional features such as the heated hose, the humidifier, EPR as well as properly adjust your mask to minimize air leakage.



For more information please contact our Head Office

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