



ZOPEC EXPLORE™ MINI

USER MANUAL

Model: 212700C



IMPORTANT – BEFORE FIRST USE

1. **Initial Charge/Battery Reset:** Please charge the Zopec Explore™ Mini battery to FULL (all 4 LED lights are solid green) before first use and storage.



2. **When using the Zopec Explore™ Mini to power a Positive Airway Pressure (PAP) device please note the following:**
 - Heated Humidifier and Heated Tube have an Impact on PAP Runtime**
 - **Longest Runtime:** NOT using Heated Humidifier and Heated Tube.
 - **Shortest Runtime:** Using Both Heated Humidifier and Heated Tube will reduce the runtime by approximately 75 - 80%.
 - **Heated Humidifier:** With the Heated Humidifier ON, the PAP runtime is reduced by about 50 - 60%.
 - **Heated Tube:** **We do not recommend running Heated Tube** because it will reduce PAP runtime by an additional 50 - 60%.
3. **Instruction for Turning Off the Heated Humidifier and Heated Tube:**
 - **ResMed AirSense 11 and AirSense 10:**
(When using non-heated tubing, the “ClimateControl” and “Tube Temp” settings will not be displayed. Only the “Humidity Level” setting will be visible)
 - i. Go to “MyOptions” and change “ClimateControl” to “Manual”. NOTE: this must be done first. Otherwise, the automatic climate control will turn the heated humidifier and heated tube back ON without notice.
 - ii. Next, turn “Humidity Level” and “Tube Temp” to “OFF”. If you don’t have a heated tube, just turn the “Humidity Level” to “OFF”.
 - iii. Exit “MyOptions” and re-enter “MyOptions” to verify that “Climate Control” is in “Manual” and “Humidity Level” and “Tube Temp” are “OFF”.
 - **Philips Respironics DreamStation**, detach the heated humidifier and plug the PAP hose directly to the back of the PAP Unit.
 - **All Other PAP Machines**, detach the heated humidifier if possible and run only the PAP unit. Please visit our website, email or call us if you do not know how to turn off your heated humidifier and heated tube.
4. **Maintenance:** Fully charge the Zopec Explore™ Mini battery to FULL (all 4 LED lights are on) at least once every 6 months for maintenance. (NOTE: Failure to do this can damage the cells and permanently diminish the battery capacity and runtime).
5. **Contact Us:** We are proud to provide best-in class customer service so please contact us for assistance any time.
 - Zopec Medical Website: www.zopec.com
 - Email: CS@zopec.com
 - Phone: Please see our website “Contact Us” for the current phone numbers.

Congratulations!

You just purchased the most advanced travel PAP battery on the market!

Below are key product features:

- **Common Uses:** Charge electronics on the go such as mobile devices, laptops and PAP equipment. (Camping/Hiking/RV with CPAP for 1 – 2 nights with humidifier/heated tube OFF)
- **Super Light and Compact:** 1 lbs. / 6.5” x 3” x .1” in.
- **New PD 65W USB-C:** Rapid battery replenishment with any USB-C charger up to a maximum of 65W. Faster and more versatile charging for everyday electronic devices.
- **DC Outlet:** Works with all voltages for CPAP machine brands and models. Much Easier to Use!
- **Panasonic Lithium-Ion Cells:** Our batteries use the same small, light and high-quality cells as those in Tesla vehicles!
- **Solid State Peltier Cooling:** Battery is 100% Silent! No cooling fans.
- **FAA/TSA Compliant for Air Travel:** Carry-on Only. Unlimited batteries per person.

- **Unlimited Linking Technology:** Link multiple batteries to increase capacity and runtime!
- **Recharging Time:** Less than 1.5 hours with wall adapter or 65W USB-C charger.
- **Universal Wall Charger (not included):** Fast charging with Zopec 65W USB-C charger.
- **Solar Panel Charger (not included):** Fast charging with Zopec PHOTONS solar panel chargers.
- **18 Months Warranty (non-transferrable)**
- **Uninterruptible Power Supply (UPS) Function:** You will have uninterrupted sleep in an event of power outage. (Note: UPS pass-through via USB-C 65W charger was designed for travel CPAP and Humidifier only, Heated Tube MUST be turned OFF).
- **Solar Panel Charger (not included):** Zopec PHOTONS Solar chargers allow fast remote charging.

Thank you for choosing Zopec Explore Batteries!

1. PACKAGE CONTENTS

1. Zopec Explore™ Mini Universal Single Battery System
2. 3 Cables:
 - a. ResMed AirMini / AirSense 11 Series DC Cable
 - b. ResMed AirSense 10 Series & VAuto DC Cable
 - c. ResMed AirMini / AirSense 11 Charging Adapter
3. Protective Travel Pouch
4. Quick Start Guide
5. User Manual

2. ADDITIONAL CABLE KITS FOR EXPLORE MINI (SOLD SEPARATELY)

1. DreamStation 1 and 2 Kit (Model#: EMKDS12)
2. ResMed S9 CPAP & VPAP Kit (Model#: EMKS9)
3. Philips Respironics DreamStation Go Kit (Model#: EMKDSG0)
4. 3B Medical Luna Kit (Model#: EMK3BL)
5. Transcend Micro Kit (Model#: EMKTM1)
6. DeVilbiss IntelliPAP I & HDM Z1 / Z2 Kit (Model#: EMKDI1Z1)
7. DeVilbiss IntelliPAP II Kit (Model#: EMKDI2)
8. Löwenstein Medical prismaSMART Kit (Model#: EMKLPS)
9. Resvent iBreeze, Apex iCH & Hypnus APAP Kit (Model#: EMKAICH)

3. ADDITIONAL ACCESSORIES FOR EXPLORE MINI (SOLD SEPARATELY)

1. Zopec Explore USB-C Fast Charging Adapter (65W) (Model #: EMAUSBC)
2. Photons 40 Lite Smart Solar Panel (Model #: 22SC40L)

4. WARNINGS

1. Do not drop the battery
2. Keep battery dry and away from liquids
3. Keep battery away from flammable and explosive materials
4. Do not disassemble the battery
5. Do not use the battery beyond the operating temperatures (32 - 115°F (0 - 45°C))
6. Follow the local regulations when disposing of the battery

5. ZOPEC EXPLORE™ MINI PRODUCT DIAGRAM

6. Battery Charge level
LED Indicator



(Diagram A)

1. DC Input – Recharge the Explore Mini using the Zopec charging adapter cables and PAP power cords.
2. DC Output – Used for DC cables to supply power to PAP devices
3. Power Button (On/Off) – Press and hold to turn battery On and Off
4. USB-C Input and Output (PD 65W) – Recharge the battery in 1.5 hours or power up electronics such as laptops.
5. USB-A Output (QC 3.0) – Power up electronics such as smart phones
6. Capacity LED Display (“4 solid green lights” = FULL)

6. CHARGING YOUR ZOPEC EXPLORE™ MINI

Note: the Zopec Explore™ Mini does not include any AC or USB charging adapters and was designed to use your compatible PAP device’s power cord.

- Any USB-C Charger can be used to charge the battery. Charge times will vary depending on the USB-C adapter’s Wattage. For the fastest charge time of 1.5 hours, please use the Zopec Explore USB-C 65W Fast Charging Adapter (Model #: EMAUSBC).
- Zopec Explore™ Mini is designed to also be charged using the original PAP AC Adapters.
 1. The ResMed AirSense 10 series AC power adapter will plug into the battery’s DC Input port directly.
 2. It can also be charged using the ResMed AirSense 11 or AirMini series power adapter by using the provided Zopec AirMini / AirSense 11 Charging Adapter Cable. Charge time is approximately 1.5 hours with AirSense 10 and AirSense 11 power adapters and 7 hours with AirMini adapter.
 3. Zopec Expore Mini can also be charged with other PAP power adapters through the DC Input port. For other supported machines, please refer to listed cable kits that are sold separately. (See Section 2).
- Photons 40 Lite Smart Solar Panel (Model #: 22SC40L). Simply plug in the Zopec Explore™ Mini USB-C Fast Charging Adapter to the USB port on the solar panel and to the battery. Keep the battery under the panel away from direct sunlight. (The charging speed will vary based on weather and available sunlight). Sunny, dry and warm weather will result in the fastest charge times.

7. INTENDED USE

- The Zopec Explore™ Mini battery system is designed to power everyday electronics and all major brand PAP devices no matter what voltage thanks to our patent pending technology.
- The Explore Mini is a compact travel PAP battery designed to comply with FAA regulations (under 100Wh), allowing safe transportation and usage on planes or in locations where utility power is unavailable.

- Engineered to be used as a UPS to prevent PAP therapy interruption in the case of a power outage.
- Use the USB-C (PD 65W) port to power everyday electronics quickly and safely.
- The USB port (QC 3.0) can be used to charge cellphones, tablets and other frequently used handheld devices.



7.1. CONNECTING YOUR EXPLORE™ MINI TO A PAP DEVICE

- Select the DC cable for your device. i.e. ResMed AirMini / AirSense 11 DC Cable. Insert the yellow round pin end of the DC Cable into the DC Output Port of your Zopec Explore™ Mini. Then connect the remaining other end to the power connector port of your PAP device. See diagram (B) below



(Diagram B – Zopec Explore™ Mini connected to ResMed AirMini)

7.2. UNINTERRUPTIBLE POWER SUPPLY (UPS) FOR POWER OUTAGES

To use the Zopec Explore™ Mini as a UPS please connect the battery to your compatible PAP device setup. Next connect it to charge using one of the following options:

- The Zopec Explore™ USB-C Fast Charging Adapter (Model #: EMAUSBC) or an equivalent 65W USB-C charger. **Note: the Heated Tube CANNOT be used in this configuration.** (See diagram D)



(Diagram D – Zopec Explore™ Mini connected to the AirSense 11 in UPS configuration with a 65W USB-C Fast Charging Adapter)

- Your PAP device's power cord and it's compatible charging adapter cable.

- .1. The ResMed AirSense 10 power cord will connect directly to the Explore Mini DC Output port.
- .2. The AirMini and AirSense 11 will require the AirMini / AirSense 11 Charging Adapter to be connected to the original ResMed AirMini or AirSense 11 power cord and to the DC Output port of the Zopec Explore™ Mini. (See diagram C below)



(Diagram C – Zopec Explore™ Mini connected to the ResMed AirSense 11 in UPS configuration with the AirSense 11 power cord and the ResMed AirMini / AirSense 11 Charging Adapter)

UPS IMPORTANT NOTES

- To set up this backup power mode, just keep the battery charging while running your machine.
- When there is no power outage, the battery will run the wall power through a Bypass (pass-through) increasing the battery’s lifespan and ensuring proper performance.
- When a power outage occurs, the battery senses the bypass has zero current flow and switches instantaneously to battery power. You would sleep through the power outage uninterrupted.
- Note: The Zopec Explore™ Mini cannot be used in UPS configuration with the ResMed AirMini 20W power cord due to its low Wattage. The ResMed AirMini 20W power cord can only be used to recharge the battery with the corresponding charging adapter.
- Note: To use the Zopec Explore™ Mini in the UPS configuration with the Zopec Explore™ USB-C Fast Charging Adapter, the Heated Tube MUST be OFF. Otherwise, your PAP device will start drawing power from the battery. If you see the battery starting to drain, then please turn the Heated Humidifier and Heated Tube OFF.
- This battery comes with all safety features including over current, over voltage, and over temp protection.

8. UNLIMITED LINKING TECHNOLOGY

- To get additional PAP device runtime, you can purchase multiple Zopec Explore™ Mini batteries and link them together increasing capacity. There is no limit on how many batteries you can link together.
- To link 2 batteries, use the included AirSense 10 Series & VAuto Cable. Plug the yellow tip of the cable into the DC Output port of the 1st battery and the other end of the cable into the DC Input port of the 2nd battery. Make sure both batteries are powered On. Repeat these steps to link more batteries. Please note that **the PAP Device must plug into the first battery in the series.**
- For backup power mode as USP, just have the last battery in the link charging (see section 6 for details)
 Note: cannot be used to charge multiple connected batteries with the use of the Zopec Explore™ USB-C Fast Charging Adapter.
 Note: When drawing from multiple batteries, it doesn’t have a consistent order on which battery it will draw first. That is normal. Every battery’s internal resistance is different and your CPAP machine will draw power based on the path of least resistance.

9. BATTERY RUN TIME TABLE

Machine Brand	Machine Model	Pressure (cm H2O)	Heated Humidifier	Heated Tube	Runtime (Hours)
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ResMed	S9, AirSense AutoSet 10 or 11	10	OFF	OFF	12.5
		15	OFF	OFF	10.5
		10	On (4)	OFF	6
		15	On (4)	OFF	4.5
	AirCurve 10 VAUTO BiPap	IPAP=20, EPAP=15	OFF	OFF	9.5
		IPAP=20, EPAP=15	On (4)	OFF	4
	AirMini	10	OFF	OFF	15
		15	OFF	OFF	13.5
Philips Respironics	DreamStation Auto 1 or 2	10	OFF	OFF	16
		15	OFF	OFF	12
		10	On (3)	OFF	6
		15	On (3)	OFF	4.5
	DreamStation BiPap	IPAP=20, EPAP=15	OFF	OFF	9.5
		IPAP=20, EPAP=15	On (3)	OFF	4
	DreamStation Go	10	OFF	OFF	16
		15	OFF	OFF	12.5
Transcend	Micro	10	OFF	OFF	16
Löwenstein Medical	PrismaSMART	10	OFF	OFF	13
3B Medical	Luna/G3 Series	10	OFF	OFF	13
Resvent	iBreeze Series	10	OFF	OFF	13
Breas HDM	Z1 / Z2	10	OFF	OFF	16
Drive DeVilbiss	IntelliPap I / II	10	OFF	OFF	13

10. TROUBLESHOOTING

- Battery Will Not Charge or Would Not Hold Charge:**
 - Please press and hold the Battery ON/OFF switch for 20 seconds then try charging again. Go to next step if it still won't charge.
 - This is a high-capacity lithium-ion battery and sometimes it takes 2 – 3 depletion cycles to reset the battery. Please run your connected PAP device with all accessories such as the Heated Humidifier, Heated Tube until the it turns off. This depletes the battery. Please try charging again.
- Battery Runtime Not Lasting as Long:** Please make sure to follow the instructions in this manual to turn off the heated humidifier and heated tube then try again. If you have a **ResMed PAP Machine**, most likely the automatic ClimateControl has turned the heated humidifier and heated tube back ON. Please enter "MyOptions" and make sure the Climate Control is in "Manual" before turning the humidity level and tube temp to OFF, then try again.

Note: Your mask seal has a significant effect on the battery's runtime when in use with a compatible PAP device. A poor mask seal will cause your PAP device to use more power and decrease your runtime.

With unresolved problems, please contact your vendor or us for further assistance.

11. LIMITED WARRANTY

Zopec Medical warrants that your purchased product shall be free from defects in material and workmanship from the date of purchase for a period of 18 Months.

Our Limited Warranty is only valid when the defective item is accompanied by a proof of purchase. Please note our warranty does not cover product failure that is caused by user negligence such as water, physical, and disassembling damages. If we determine that it is warranty eligible, then a new replacement will be provided.

For all warranty claims, please contact us directly or the original seller and they will work with us on the proper warranty claim process.

9. CONTACT US

We are proud to provide best-in class customer service so please contact us with assistance any time. Below is our contact information:

- Zopec Medical Website: www.zopec.com
- Email: info@zopec.com
- Phone: Please see our website “Contact Us” for the current phone numbers.

END OF USER MANUAL.