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> WAMOVAL 5V 8000mAh Li-Polymer Rechargeable Batteries (2-Pack) Instruction Manual

WAMOVAL SK-02

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Model: SK-02

1. PRODUCT OVERVIEW

The WAMOVAL 5V 8000mAh Li-Polymer Rechargeable Batteries are designed to provide reliable power for various 5V heated apparel, including socks, insoles, gloves, hats, and scarves. These compact and lightweight batteries feature a Type-C port for charging and output, along with a 4-level temperature control system.



Figure 1: WAMOVAL 5V 8000mAh Li-Polymer Rechargeable Batteries and accessories.

2. WHAT'S IN THE BOX

Your package includes the following items:

- 2 x 5V 8000mAh Rechargeable Li-Polymer Batteries
- 1 x Type-C 2-in-1 Charging Cable
- 1 x 5V/2A Wall Adapter
- 1 x Instruction Manual

Pocket-Sized Easy to carry

 154g/5.43oz

 85*65*16.5mm

Figure 2: Package contents.

3. SPECIFICATIONS

Product Model	SK-02
Product Dimensions	3.66 x 2.36 x 0.6 inches (85 x 65 x 16.5mm)
Item Weight	0.237 lbs (10.6 ounces) per battery
Battery Capacity	8000mAh (3.7V Li-Po 29.6Wh)
Input	5V/2A (Type-C)
Output	5V/2A (Type-C)
Charging Time	6-8 hours (with 10W adapter)

Batteries have passed safety certification

Can be taken on airplanes, trains, and moving trains

FC CE UK RoHS  

Figure 3: Detailed battery pack specifications.

4. CHARGING THE BATTERIES

Before first use, fully charge both batteries to ensure maximum performance and longevity. Use the provided Type-C 2-in-1 charging cable and 5V/2A adapter.

1. Connect the Type-C end of the charging cable to the battery's input port.

2. Connect the USB-A end of the charging cable to the 5V/2A wall adapter.
3. Plug the wall adapter into a power outlet.
4. The battery's power indicator lights will illuminate to show charging progress. Four grids of brightness indicate a full charge.

Battery Charging and Usage Issues



Figure 4: Charging the 5V 8000mAh Li-Polymer batteries.

Your browser does not support the video tag.

Video 1: This video demonstrates the process of charging the heated socks battery and its basic operation.

5. OPERATION AND TEMPERATURE CONTROL

The batteries feature a simple 4-level temperature control system for personalized warmth.

1. **Power On/Off:** Long press the 'ON/OFF' button on the battery to activate or deactivate the device.
2. **Temperature Adjustment:** Short press the 'TEMP' button to cycle through the 4 heating levels. Each press will adjust the heat setting.
3. **Indicator Lights:** The battery features indicator lights for both heating gear (temperature level) and battery level (25%, 50%, 75%, 100%).



Light Status	Current Mode	Reference Temperature(F)	Reference Endurance(H)
● ● ● ●	4	155±3	3~3.5H
● ● ● ○	3	141±3	4~4.5H
● ● ○ ○	2	122±3	6~6.5H
● ○ ○ ○	1	104±3	10~10.5H

Figure 5: Battery interface with power and temperature indicators.

Your browser does not support the video tag.

Video 2: This video demonstrates how to connect and use the replacement battery with heated socks and insoles, including activating the heating function.

6. COMPATIBILITY AND VERSATILITY

These 5V 8000mAh batteries are highly compatible with a wide range of heated items and can also serve as a portable power source for other 5V devices.

- **Heated Apparel:** Ideal for heated gloves, hats, socks, scarves, insoles, vests, and jackets.
- **Other Devices:** The Type-C port (5V/2A) can be used to charge smartphones or other mobile devices.

AVAILABLE PRODUCTS

Applicable to most Dc interface products



Heating Back Brace

Heated Shoes & Insoles

Heated Gloves

Heated Knee Brace

Heating Socks

Heating Vest & Jacket

Figure 6: Examples of compatible heated products.

USB Type-C port can be used to charge smartphones or other mobile devices.



Figure 7: The Type-C port can also charge other mobile devices.

7. BATTERY MAINTENANCE FOR LONGEVITY

Proper maintenance ensures the long life and optimal performance of your batteries:

- **Initial Charge:** Fully charge both batteries before their first operation.
- **Storage:** If storing the batteries for an extended period, charge them to approximately 50-75% capacity and store in a cool, dry place. Recharge every 3-6 months to prevent deep discharge.
- **Cleaning:** Prior to washing any heated device, always remove the battery to avoid damage. Clean the battery exterior with a dry, soft cloth.
- **Avoid Extreme Temperatures:** Do not expose batteries to extreme heat or cold, as this can degrade performance and lifespan.

8. SAFETY INFORMATION

Please read and follow these safety guidelines to prevent injury or damage:

- Do not disassemble, crush, puncture, or incinerate the battery.
- Keep away from fire, heat sources, and flammable materials.

- Do not expose to water or moisture.
- If the battery shows abnormal conditions such as leakage, deformation, or strange smell, stop using it immediately.
- Dispose of batteries according to local regulations. Do not dispose of in fire.
- These batteries have passed safety certifications and can be taken on airplanes, trains, and other moving transport.



Figure 8: Safety certifications and travel compatibility.

9. TROUBLESHOOTING

If you encounter any issues with your WAMOVAL batteries, please refer to the following common solutions:

- **Battery Not Charging:** Ensure the charging cable is securely connected to both the battery and the power adapter. Verify the wall adapter is properly plugged into a working outlet. Try a different charging cable or adapter if available.
- **Heated Device Not Working:** Check that the battery is fully charged and properly connected to your heated apparel. Long press the power button to ensure the battery is turned on. Short press the temperature button to select a heating level.
- **Short Battery Life:** Ensure the battery is fully charged before use. Operating the heated device on higher temperature settings will consume power more quickly. Extreme cold environments can also affect battery performance.
- **App Control Issues:** If your heated device supports app control, ensure the battery is powered on and Bluetooth is enabled on your smartphone. Refer to your heated device's manual for specific app pairing instructions.

10. WARRANTY AND SUPPORT

WAMOVAL products are designed for quality and reliability. If you experience any issues with your batteries, please contact our customer support team. We are committed to providing assistance and will respond within 24 hours.

For support, please refer to the contact information provided with your purchase or visit the official WAMOVAL store on Amazon.

