

## KEMIMOTO Heated Safety Jacket

# KEMIMOTO Heated Safety Jacket User Manual

Model: Heated Safety Jacket

Brand: KEMIMOTO

## 1. INTRODUCTION

Thank you for choosing the KEMIMOTO Heated Safety Jacket. This jacket is designed to provide superior warmth, visibility, and protection in cold and challenging environments. Featuring advanced heating technology and a versatile 3-in-1 design, it ensures comfort and safety for various outdoor activities and work conditions.

# 3-in-1 Heated Safety Jacket



## Outer shell jacket

Windproof  
Water-Resistant



## Inner fleece jacket

Heated Detachable



## Wear together

Insulated and warm

Figure 1: The KEMIMOTO Heated Safety Jacket demonstrating its 3-in-1 versatility, including the windproof/water-resistant outer shell, heated detachable inner fleece, and combined insulated wear.

## 2. KEY FEATURES

- **Advanced Heating System:** 7 carbon fiber heating elements strategically placed in 1 collar, 2 sleeves, 2 back, and 2 abdomen areas.
- **Wide Temperature Range:** Adjustable heat from 104°F to 149°F (40°C to 65°C).
- **Long-lasting Battery:** Powered by a robust 77WH power bank, providing up to 12 hours of heat.

- **3-in-1 Versatile Design:** Features an inner fleece jacket and an outer soft shell that can be worn separately or combined for ultimate comfort and warmth.
- **Waterproof & Windproof:** Outer shell constructed with 300D Oxford fabric and DWR (Durable Water Repellent) coating, offering IPX4 waterproof rating.
- **Dual Control Options:** Control heating zones and power settings via a dedicated smartphone app or manual button.
- **3 Customizable Heat Levels:** Low (104-122°F for 12h), Medium (122-131°F for 8h), High (131-149°F for 5.5h).
- **Ample Storage:** Equipped with 5 strategically placed pockets for essentials.
- **Enhanced Visibility:** Segmented reflective tape material for 24/7 safety.
- **Practical Additions:** Waterproof seams, 2 mic tabs for communication, and light-off functionality for specific working conditions.





Figure 2: The jacket's waterproof capabilities are highlighted, showing water beading off the fabric, indicating its IPX4 rating and 8000mm water resistance.



Figure 3: A detailed view of the jacket's storage, illustrating one zipped pocket and three large pockets designed for convenience and security of personal items.



### 3 Heat Levels with Separate Control

Control the chest, back, and hood separately

	<b>Low:</b> 12h 104-122°F
	<b>Medium:</b> 8h 122-131°F
	<b>High:</b> 5.5h 131-149°F

Figure 4: The jacket's reflective strips are shown in a low-light environment, emphasizing their effectiveness in ensuring visibility and safety during nighttime activities.

## 3. SETUP

### 3.1 Charging the Power Bank

Before initial use, fully charge the provided 77WH power bank using the Type-C charging cable. The power bank features a digital display to show the remaining charge percentage.

### 3.2 Connecting the Power Bank

1. Locate the power bank pocket inside the jacket.

2. Identify the DC 12V output cable inside the pocket.
3. Connect the DC 12V output cable to the corresponding DC OUT port on the KEMIMOTO power bank. While the power bank also has USB-A and Type-C outputs, the DC port is recommended for optimal heating performance.
4. Secure the power bank within the designated pocket.



Figure 5: The KEMIMOTO power bank with its dual interface, featuring both DC and Type-C ports for versatile charging and power output options.

Video 1: This video demonstrates the process of connecting the 20,000mAh power bank to the KEMIMOTO Heated Safety Jacket and highlights its various ports and features.

## 4. OPERATING INSTRUCTIONS

### 4.1 Manual Control

1. Once the power bank is connected, locate the control button on the inside of the jacket (typically near the left chest area).
2. Press and hold the button for approximately 2-3 seconds to turn on the heating system. The button will illuminate, usually starting at the High heat setting (Red).
3. Press the button briefly to cycle through the heat settings: Red (High), Blue (Medium), Green (Low).
4. To turn off the heating system, press and hold the button for 2-3 seconds until the light turns off.

### 4.2 App Control

For advanced control and personalized heating, download the KEMIMOTO app on your smartphone. The app allows you to:

- Independently control different heating zones (collar, sleeves, back, abdomen).
- Adjust heat levels for each zone.
- Monitor battery life.





Figure 6: This image illustrates the two methods of controlling the jacket's heat: a manual button located on the jacket and a dedicated smartphone application for precise zone and temperature adjustments.

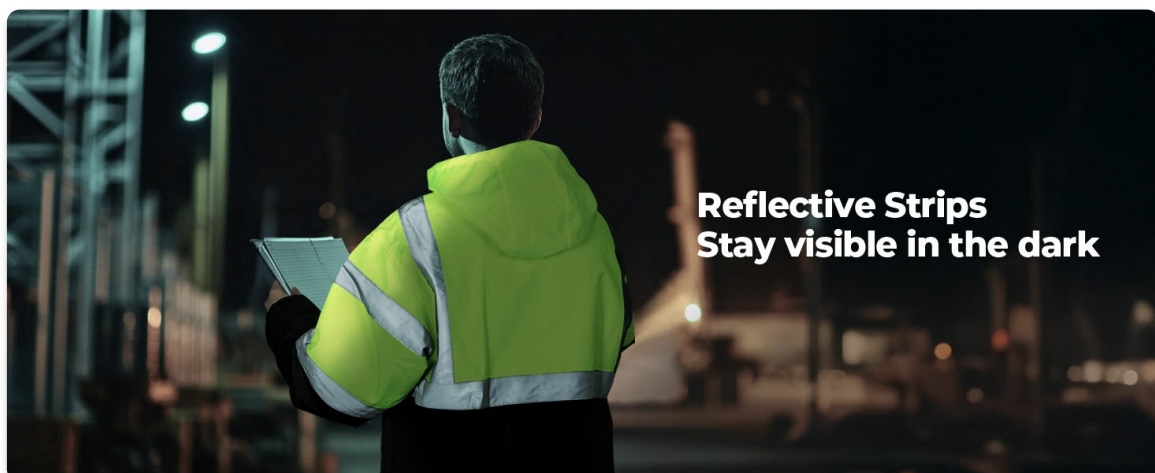


Figure 7: A visual representation of the jacket's three heat levels (Low, Medium, High) and the ability to control heating in the chest, back, and hood areas independently.

Video 2: This video provides a comprehensive overview of the KEMIMOTO 3-in-1 Hi-Vis Work Jacket, demonstrating its features, heating capabilities, and overall design for men.

Video 3: A quick overview of the KEMIMOTO Heated Safety Jacket for Men, highlighting its main functions and benefits in a concise 33-second format.

## 5. MAINTENANCE

### 5.1 Washing Instructions

1. Ensure the power bank is disconnected and removed from the jacket pocket.
2. Close all zippers and fasteners before washing.
3. Hand wash or machine wash gently in cold water with a mild detergent. Do not bleach, iron, or dry clean.
4. Hang dry thoroughly. Do not wring or twist the jacket. Ensure it is completely dry before reconnecting the power bank or storing.

### 5.2 Battery Care

- Charge the power bank fully before long-term storage.
- Recharge the power bank every 3-6 months to maintain battery health if not in regular use.
- Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures.

## 6. SPECIFICATIONS

Feature	Detail
Heating Elements	7 Carbon Fiber (Collar, 2 Sleeves, 2 Back, 2 Abdomen)
Temperature Range	104°F - 149°F (40°C - 65°C)
Power Bank	77WH (20,000mAh)
Battery Life (approx.)	Low: 12h, Medium: 8h, High: 5.5h
Waterproof Rating	IPX4
Fabric Type	300D Oxford Fabric with DWR Coating (Polyester)
Pockets	5 (including zipped and large utility pockets)
Control Methods	Manual Button, Smartphone App

Feature	Detail
Visibility Features	Segmented Reflective Tape, Neon Yellow Color

## 6.1 Size Chart

Brand Size	Chest (in)	Hip (in)	Sleeve Length (in)	Length (in)
Small	34 - 36	34 - 36	25.4	26.8
Medium	36 - 38	36 - 38	25.9	27.8
Large	38 - 40	38 - 40	26.4	28.7
X-Large	40 - 42	40 - 42	26.9	29.7
XX-Large	42 - 45	42 - 45	27.3	30.7

## 7. TROUBLESHOOTING

- **Jacket not heating:**
  - Ensure the power bank is fully charged.
  - Verify the DC cable is securely connected to the power bank's DC OUT port.
  - Confirm the manual control button is pressed and held for 2-3 seconds to activate.
- **App connectivity issues:**
  - Make sure your smartphone's Bluetooth is enabled.
  - Restart the KEMIMOTO app and/or the jacket's heating system.
  - Ensure the jacket is within Bluetooth range of your device.
- **Uneven heating or specific zones not working:**
  - Check app settings to ensure all desired zones are activated.
  - If issues persist, contact KEMIMOTO customer support.

## 8. WARRANTY AND SUPPORT

The KEMIMOTO Heated Safety Jacket comes with a manufacturer's warranty. For detailed warranty information, product support, or to report any issues, please refer to the warranty card included with your purchase or visit the official KEMIMOTO website. You can also contact KEMIMOTO customer service directly for assistance.



