

**N MOBILE
WARMING**
PERFORMANCE HEATED APPAREL

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DUAL POWER
JACKETS AND VESTS
USER MANUAL



Welcome to Warmth. Stay Warm, Stay Comfortable



F.I.R. Technology

Patented Mobile Warming® technology is specially engineered for cold environmental conditions. Mobile Warming® comprehensive heating solutions keep you warm and comfortable. The exclusive Mobile Warming® heating system utilizes F.I.R. (Far-Infrared) heat and ultra-fine metal fiber heating elements powered by lightweight, rechargeable, and powerful Lithium-Ion batteries. As heat builds Mobile Warming® advanced materials reflect and direct heat back towards the body ensuring that you stay warm. The combination of unique materials, construction techniques, and innovative design results in the most advanced heated gear available.

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Introduction

Thank you for purchasing our Dual Power Performance Heated Jacket or Vest. To ensure proper use and care of your garment and our Mobile Warming batteries please read this user manual prior to use.

Includes

- One - Dual Power Heated Jacket or Vest
- One - Power Lead Connector
- One - 12v 5200 mAh Lithium-Ion batteries (Model#MWV52)
- One - 12v Single AC battery charger (Model# ASA16U17)

⚠ WARNING

- Only charge your battery with included compatible wall charger. Go to www.mobilewarming.com/pages/battery-care for more information.
- Do not store MW battery(s) below -4F(-20°C).
- Do not allow MW batteries or charger to come in contact with water or other liquids. If water or other liquids enter the battery interior immediately unplug the garment from the battery. Continued use of the garment may result in fire or electrical shock.
- Do not expose battery(s) to direct flame or heat as the battery(s) may explode.
- Disconnect MW battery pack from the garment(s) when not in use. Garment(s) will discharge battery even when power is off.
- It is important to maintain at least 25% of your battery power when not in use. Failure to do so will result in performance issues and reduced battery life. We recommend to charge your batteries every 3 months.
- Recommended power settings of 50% is sufficient for temperatures between 50°-64°F (10°-17.7°C) while at lower temperatures setting the power at 75% or 100% is sufficient. It is not recommended to use 100% power setting for a long time as it may cause overheating and /or bodily discomfort.



Quick Start Guide (Battery)

- 1- Fully Charge battery to 100%.
- 2- Press and hold the power button on the battery for a few seconds. Once it's powered on LED will be Blue/100% heat.
- 3- Run wire harness into the right Pocket and plug battery into the Jacket or Vest wire harness. Wire harness is located on the right side pocket. (See drawing)
- 4- Slide battery into wire harness pocket. (See drawing 2)
- 5- Now that the battery is connected to jacket or vest, press and hold the touch control button on for a few seconds. Once it's powered on LED will be Red/100% heat.
- 6- After the jacket or vest is on, push the control button to reach your desired settings.
- 7- To power off jacket or vest, press and hold the touch control button until light turns off. If you plan to not use the jacket or vest for more than a few days, unplug battery from the jacket or vest.

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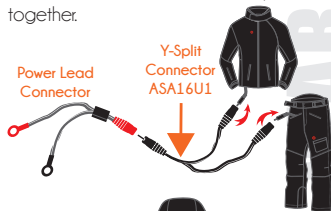
Do not use battery if you notice a change of shape (lumps), over-heating when charging or if rust or corrosion on the battery connectors is found.

Battery Installation



Y-Harness

To connect Jacket or Vest to Mobile Warming Pants you must purchase separately the Dual Power 12volt Y-Split Connector (Part #ASA16U1). This is required if multiple Dual Power garments are to be connected and powered together.



Dual Power: Battery Heat Ratings

	100%	75%	50%	25%
	100%	75%	50%	25%
	135°F (57.2°C)	120°F (48.8°C)	105°F (40.5°C)	90°F (32.3°C)
	2.8Hrs.	3.5Hrs.	5.5Hrs.	11.0Hrs.

Power Ratings Based on Fully Charged Battery and Ambient Temperature of 72°



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Before connecting your Dual Power garment to the Mobile Warming Power Lead Connector; always make sure the vehicle is running prior to connecting. Failure to do so can damage garment's heating elements voiding warranty.

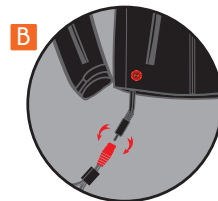
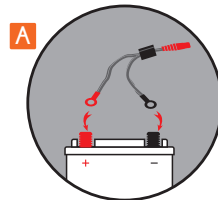
Quick Start Guide (Vehicle)

- 1- Turn off vehicle and remove key from ignition.
- 2- Locate and access vehicle's 12volt battery.
- 3- Disconnect the vehicles Negative(-) Cable and remove from battery terminal. Connect the Negative(-) wire from the supplied Mobile Warming Power Lead Connector to the battery terminal and re-connect vehicle's Negative(-) Cable. (See Drawing A)
- 4- Disconnect the vehicles Positive(+) Cable and remove from battery terminal then connect the Positive(+) wire from the supplied Mobile Warming Power Lead Connector to the battery terminal and re-connect vehicle's Positive(+) Cable. (See Drawing A)
- 5- Route Mobile Warming Power Lead Connector the right side of vehicle Seat with a minimum of 2in (5cm) of the Mobile Warming Power Lead Connector exposed.
- 6- Start Vehicle and connect Jacket or Vest to Power Lead Connector. Power Lead is

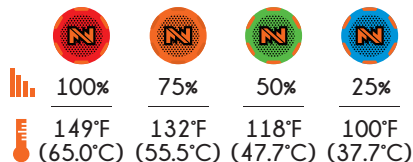
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located in the interior pocket.(See Drawing B)

- 7- Now that the battery is connected to jacket or vest, press and hold the touch control button for a few seconds. Once it's powered on LED will be Red/100% heat.
- 8- After the jacket or vest is on, push the control button to reach your desired settings.
- 9- To power off jacket or vest, press and hold the touch control button until light turns off. Always remember to disconnect the Jacket or Vest from the power lead harness before leaving vehicle.



Dual Power: Power Lead Heat Ratings



Power Ratings Based on Ambient Temperature of 72°



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Charging Instructions

To ensure the best battery performance and a long battery life follow these steps.

- Plug Mobile Warming charger into AC wall socket and connect battery(s) to AC charger connectors.
- When indicator light(s) are "Red" battery(s) are charging.
- When indicator light(s) turn "Green" battery(s) are fully charged and ready for use or storage.
- Always charge batteries indoors.
- Always use compatible Mobile Warming Chargers to charge batteries. Failure to do so could result in bodily injury, fire, or damaged batteries.

Replacement or additional batteries and chargers available at www.mobilewarming.com

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Charger Port



Battery Port



MWV52
12volt 5200mAh
Lithium-Ion



ASA16U17
• Output: 12.6v, 1.6A
• Input : AC 100v-240v

Care Instructions

- Always disconnect and remove MW battery(s) from the garment(s) power lead wiring harness.
- Do not machine tumble dry, iron, or dry clean.
- Do not wring out the garment(s) as this may cause damage to the heating elements and or wire harness.
- Do not fully submerge in water or other liquids.
- Please charge the battery fully before use.
- If problems with the battery occurs refer to caution label marked on battery case or contact us at www.mobilewarming.com

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Wash Instructions



To wash, disconnect the battery(s) from the power lead/wire harness, and remove battery from garment(s).

- Hand Wash Only
- Drip dry only. Do not machine dry.
- Do Not Bleach. Do Not Iron, Do Not Dry Clean, Do Not Tumble Dry, Do Not Wring.

Warranty Terms

*Our warranty applies only to the original purchaser and only for items purchased from an authorized Mobile Warming Dealer or Authorized distributor retail partner.

Limited Two Year Warranty (Garment)

When you purchase a Mobile Warming brand product from an authorized Mobile Warming retailer within the United States or Canada both the construction and electrical heating components of the product are warranted to be completely free from factory defects in materials and workmanship for two (2) year from the date of purchase. If any failure in the construction or the heating function of any

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Mobile Warming product purchased from an authorized Mobile Warming dealer within the United States and Canada occurs due to the manufacturer's defect within two years of the purchase of the product, the product will be repaired at no charge.*

90 Day Rechargeable Battery & Charger Warranty

Mobile Warming Gear rechargeable Lithium-ion battery packs and chargers are under warranty from factory defect for 90 days from the initial purchase date. Mobile Warming will repair or replace any battery or charger found to be defective under normal use within the 90 day warranty period.

*Costs associated with shipping the item in under warranty is the responsibility of the purchaser.

Warranty Exclusions

Any damage caused to any Mobile Warming products by misuse, abuse, improper care, accident, normal wear and tear, use of non-mobile warming battery systems, and or the natural breakdown of materials over an extended period of time and use are not covered in this warranty. Any alterations or repairs (attempted or otherwise) performed on any Mobile Warming product voids any and all warranties offered by Mobile Warming for that particular item. Mobile Warming products are technical athletic apparel and is not intended for use as work wear or for use in strenuous or demanding circumstances or extreme conditions.

How to initiate a Warranty Claim

First, please ensure that your product is covered under warranty according to the terms above. Then simply have a digital copy of your dated proof of purchase ready and contact our friendly customer service team at info@mobilewarming.com, informing us that you would like to initiate a warranty claim for repair, briefly explaining the nature of your claim, with your dated proof of purchase attached. Our customer service team will then follow up with you within two business days of receiving all of the necessary information with an email containing a Return Authorization number, return instructions and the return shipping address in order to return with your defective item.