

Dr.warm[®]
Heated Tech



**The Provider of Heated
Tech Solution**

Since 2013

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Product introduction

Heated Insoles 14

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S4/S6/S7

Remote Version

R3/R3-1/R4/R6/R6-2/R8

Heated Flat Insole

W1-1/SW04

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App Version

SS01/SS03

Remote Version

SR01/SR01-1/SR03/SR04/SR07

Manual Version

SM01/SM02/SM04/SSM02

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G18-4/G32/G34/G41/G44-2/G47/G55/G56

Heated Gloves

G23/G25/G31/G37/G46/G50

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Heating Footwear

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Polymer Lithium Battery (LiPo)

NB-M3/7428GL/F150/SK5010/LLS-96/LLS-77/LLS-66
SK0540/SK3740R/SK7422/SK7430/SK7438/554468

Heated System 40

smart control heating technology

Insoles/Socks/Gloves/Shoes/Cloth/Apparel System
Manual/Remote/APP/Magnetic Inductive Control System

Accessories 42

full range of accessories

US/EU/UK/Multi Charger
DC/Type-C/Micro/Magnetic/Boost/Others Cable
Remote Controller/Custom Button



Our Company Profile

ABOUT US

S-KING is a manufacturing company specializing in the research, development, and production of electric heating products, headquartered in Dongguan, Guangdong Province, China. With an experienced R&D team of 8 members, S-KING excels in product design, electronic circuit development, heating element, and battery technology. Our team's expertise drives innovation and quality in every product, ensuring reliability and customer satisfaction.

At S-KING, quality is our top priority. We maintain rigorous inspection processes—from incoming materials to final product checks—to ensure that every item meets the highest standards for durability and safety. S-KING offers a comprehensive range of smart heating solutions, encompassing electronic components, electric heating systems, product solutions, and finished product design and manufacturing.

By offering some of the most versatile styles, sizes, heating capabilities for men and women in the industry, we're confident to help our customers to find cold weather gear to support them open the market.

With our dedicated OEM/ODM services, S-KING remains a trusted partner for brands seeking advanced electric heating solutions. Excited to collaborate with YOU:

- A complete set of electric heating technology and product solutions
- Singlechip, electronic design, APP development, and products
- Heating elements and electric heating systems
- Electric heating products such as insoles, socks, gloves, clothing, pants, caps, and neck gaiters

12 Company Development YEARS History

Since 2013—2024

2014
Dr.warm heated gear started to sell in the EU market

2016
Established its Electronics R&D Department and developed the first ergonomic heated insole

2018
Dr.warm heated gear started to sell in the US market

2013
Developed Remote heated insoles

2015
Developed APP control heated insoles with NTC

2017
Dr.warm's heated insoles surpass 1 million flex tests



2020
Launch global sales for electric heated insoles, gloves, socks, clothing, etc

2022
The Dr.warm smart heated apparel set and companion app are launched

2024
Attend the ISPO Munich 2024 exhibition

2019
Successfully developed flexible elastic heating elements and electric heating socks, and obtained patents

2021
Dr.warm's remote-controlled heated socks become highly popular among domestic ski enthusiasts

2023
New Arrival: magnetic inductive charging heated gears

2024

Our R&D Team



Allen Liao

Product Creative Director

Education: Graduated in Computer Science

Experience: Over 22 years of experience in the internet and smart heating product industry

Expertise: In-depth research and unique insights into smart heating product creativity, user experience, mold structure, materials, and processes

Project Experience: Led the development of heated insoles, heated gloves, heated socks, and heated clothing, holding over 20 patents in inventions, utility models, and design



Mark Huang

Product Manager

Experience: 15 years of experience in electronic product development, with 6 years focused on smart heating product development

Expertise: Extensive experience in functional design, mold structure, process design, and quality control



Luke Yang

Electronics Engineer

Experience: Senior microcontroller development engineer with 6 years of hardware and C language development experience

Expertise: Engaged in research on temperature control systems for smart heating products



Lee

Electronics and Battery Engineer

Experience: 10 years in battery development, including 3 years at Foxconn

Expertise: Developed battery BMS control modules for 8 years, with rich experience in battery safety management system development

S-King has our own in-house engineer team armed with an international vision and sophisticated R&D capabilities. Our R&D team has 5 engineers and focus on the heated gear for over 10 years. Dr.warm got the patent for the ergonomics design with heating elements and socks sewing patent for skiing. Our team worked with many professional wholesaler like DR.WARM's bluetooth project.



Spring Zhou

Product Development Engineer

Experience: Over 30 years in the development and design of clothing, shoes, and insoles

Expertise: Skilled in product design, innovation, mold development, and user experience requirements for fitting; served international brands Jones New York and Marks & Spencer for 20 years



Flemick Jiang

Testing Engineer

Experience: 6 years in product function and lifespan testing

Expertise: Extensive experience in product function testing and lifespan testing



Anthony Liu

Quality Engineer

Experience: 6 years in quality management, holding an ISO 9001 internal auditor certificate, with 2 years at OPPO Mobile

Expertise: Rich experience in quality management for R&D projects



Pitt Guo

Quality Engineer

Experience: 8 years in quality management, including 4 years at OPPO Mobile

Expertise: Extensive experience in quality control

Project Workflow



Laboratory

With deep expertise in thermophysiology, IoT technology, and advanced e-textiles, Dr.warm is committed to pushing the boundaries of design and testing to deliver exceptionally durable, high-performance heated apparel.



Our intelligent temperature control systems, developed through continuous R&D innovation, adapt precisely to the wearer's body and environment to ensure optimal warmth and comfort.

Through strategic global market expansion and close collaboration with leading partner brands, we define real-world usage scenarios and co-create tailored solutions that meet the highest standards of functionality, safety, and user satisfaction.



IPX3-6 Rain Test Chamber



Programmable Constant Temperature and Humidity Test Chamber



Elasticity Tester



Fabric Abrasion and Pilling Tester



High-Precision Battery Performance Testing System



Adjustable Power Supply



Thermostatic Water Bath



Electronic Load



Wire Bending Test Machine

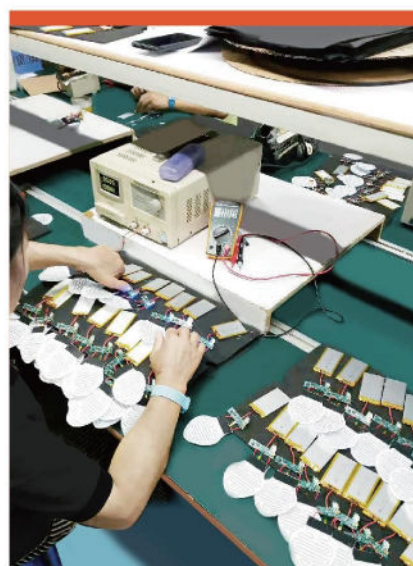


Insole Flexing Test Machine



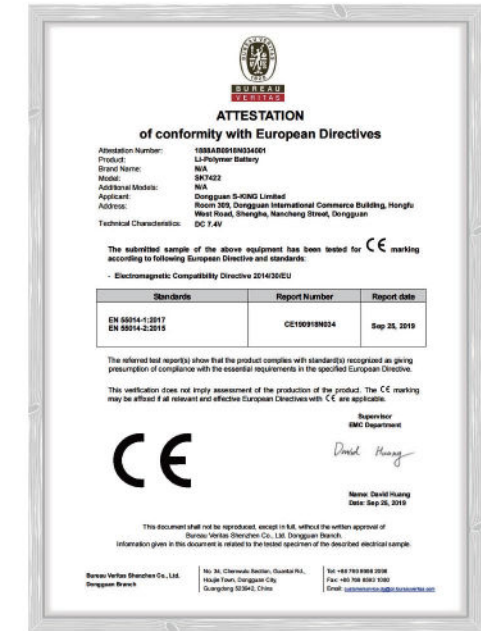
Workshop

Our testing room is equipped with professional testing instruments, including Battery Aging Tester, Battery Comprehensive Tester, High and Low Temperature test chamber, Advanced Thermal Imager, Pressure Resistance Tester and so on. It can not only guarantee smooth production process but also ensure all products to be tested carefully before shipments.



Certification

Strictly abide by the international product safety standards and environmental standards, our products have passed the CE/ROHS/FCC/UKCA/UL/DOE test and obtained relevant certificate has implemented ISO9001 Quality Management Systems strictly manufacture and operate as per those requirements.



S-King has implemented ISO9001 Quality Management System. Our products passed the UL TEST.



Smart APP Version

Smartphone Control - support ISO and Android phone

Heated Performance
Heated performance up to 55°C/131°F

Anti-bending Test
More than 1,000,000+times

Internal Battery
3.7V 3200mAh Capacity

Water Resistant
Meet the IP66 waterproof standard

Ergonomics Designs
Improves blood circulation Ultra Slim
0.5cm-0.7cm, fit to most shoes

After Sales Service
12 months warranty

Level	Indicator	Temperature	Heating Time
High	Red	55°C/131°F	3 hours
Medium	Purple	50°C/122°F	4 hours
Low	Blue	45°C/113°F	7 hours

SIZE	EU	US		UK	LENGTH	
		MEN	WOMAN		MM	IN
S	35	4	5.5	3.5	231.1	9.1
	36	5	6.5	4.5	237.7	9.4
	37	5.5	7	5	244.4	9.6
M	38	6.5	8	6	251.1	9.9
	39	7	8.5	6.5	257.7	10.1
	40	8	9	7.5	264.4	10.4
L	41	8.5	9.5	8	271.1	10.7
	42	9.5	10		277.8	10.9
	43	10	11	9.5	284.4	11.2
XL	44	10.5		10	291.5	11.5
	45	11		10.5	298.2	11.7
	46	12		11	304.9	12

Packing List

- | | |
|------------------|------------|
| 1 heated insoles | 4 manual |
| 2 USB cable | 5 gift box |
| 3 adapter | |



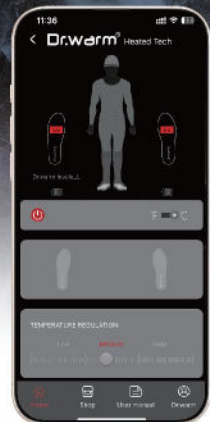
S4



S6



S7



INTELLIGENT APP CONTROL



Remote Version

Remote Control - adjust the insole within 10 meters

Heated Performance
Heated performance up to 55°C/131°F

Anti-bending Test
More than 1,000,000+times

Internal Battery
3.7V 3200mAh Capacity

Water Resistant
Meet the IP66 waterproof standard

Ergonomics Designs
Improves blood circulation Ultra Slim
0.5cm-0.7cm, fit to most shoes

After Sales Service
12 months warranty



Level	Indicator	Temperature	Heating Time
High	Red	55°C/131°F	3 hours
Medium	Purple	50°C/122°F	4 hours
Low	Blue	45°C/113°F	7 hours

UNISEX SIZE CHART						
SIZE	EU	US		UK	LENGTH	
		MEN	WOMAN		MM	IN
S	35	4	5.5	3.5	231.1	9.1
	36	5	6.5	4.5	237.7	9.4
	37	5.5	7	5	244.4	9.6
M	38	6.5	8	6	251.1	9.9
	39	7	8.5	6.5	257.7	10.1
	40	8	9	7.5	264.4	10.4
L	41	8.5	9.5	8	271.1	10.7
	42	9.5	10		277.8	10.9
	43	10	11	9.5	284.4	11.2
XL	44	10.5		10	291.5	11.5
	45	11		10.5	298.2	11.7
	46	12		11	304.9	12

Packing List

- | | |
|------------------|------------|
| 1 heated insoles | 4 remote |
| 2 USB cable | 5 manual |
| 3 adapter | 6 gift box |



R3



R3-1



R4



R6



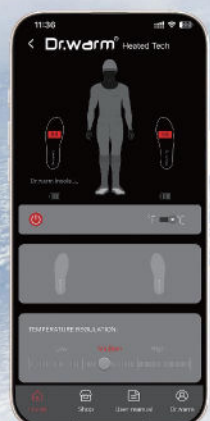
R6-2



R8

Heat Flat Insoles

Ultrathin heated insole that is easy to cut in order to adapt it to your shoe size and boots. High-quality heating element to keep the foot at an ideal temperature. Slips easily into snow and ski boots.



Technical Index

Heating Zone: full sole
 Battery Capacity: 7.4V/2200mAh
 Charger Output: 5V 1.5A
 Charging Time: 3-7 hours
 Power: 4W

Level	Temperature	Heating Time
High	55°C/131°F	3 hours
Medium	50°C/122°F	4 hours
Low	45°C/113°F	7 hours

Packing List

- | | |
|------------------|------------|
| 1 heated insoles | 4 manual |
| 2 battery pocket | 5 gift box |
| 3 battery | |



W1-1



SW04

MOBILE FOOT WARMER

With 2 straps designed to be tied around legs, you can move while charging.



Battery pocket



Temperature Switch



CUT TO FIT SIZE

You can cut the unisex warm insoles into your own size according you need



INTELLIGENT APP CONTROL



Smart APP Version

Smartphone Control - support ISO and Android phone

- Heated Performance**
Heating Performance up to 65°C/149°F
- High powered Heated Socks**
Heating time reach up to 3-7 hours
- Washable Premium Materials**
Made of a carefully-designed mixture of cotton, acrylic, nylon, and spandex

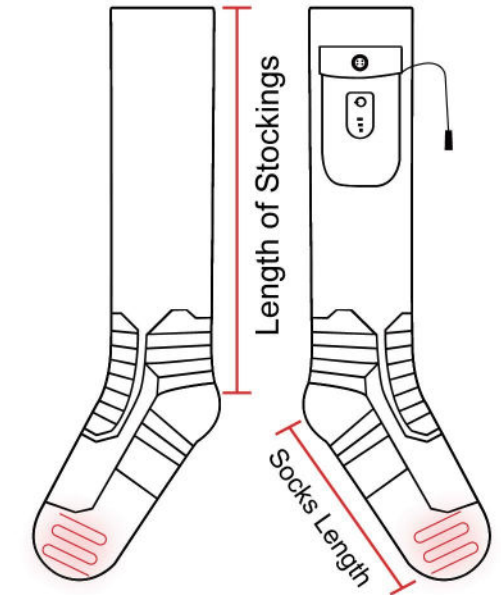
- Versatile Heated Socks**
suitable for all kinds of outdoor sports, such as skiing, hiking, hunting, fishing, cycling, skating, etc.
- After Sales Service**
12 months warranty



Technical Index

Heating Zone: forefeet
 Battery Capacity: 7.4V/2200mAh
 Charger Output: 8.4V 1.5A
 Charging Time: 4-6 hours
 Power: 4W

Level	Indicator	Temperature	Heating Time
High		65°C/149°F	3 hours
Medium		55°C/131°F	4 hours
Low		45°C/113°F	7 hours



Packing List	
1 heated socks	4 gift box
2 battery	5 manual
3 charger	

SIZE	HEATED SOCKS LENGTH		SUGGEST SHOE SIZE		US	EU
	Sock's Length (IN)	Sock's Length (CM)	Stocking's Length (IN)	Stocking's Length (CM)		
S	7	18	13.7	35	5-6	35-38
M	7	20	14.9	38	6.5-8	39-4
L	7	20	16.1	41	9-11	42-44
XL	8.6	22	17.3	44	11.5-13	45-47



SS01



SS03

INTELLIGENT APP CONTROL



Remote Version

Remote Control - adjust the insole within 10 meters



Heated Performance

Heating Performance up to 65°C/149°F



High powered Heated Socks

Heating time reach up to 3-7 hours



Washable Premium Materials

Made of a carefully-designed mixture of cotton, acrylic, nylon, and spandex



Versatile Heated Socks

suitable for all kinds of outdoor sports, such as skiing, hiking, hunting, fishing, cycling, skating, etc.



After Sales Service

12 months warranty



Technical Index

Heating Zone: forefeet
 Battery Capacity: 7.4V/2200mAh
 Charger Output: 8.4V 1.5A
 Charging Time: 4-6 hours
 Power: 4W

SIZE	HEATED SOCKS LENGTH				SUGGEST SHOE SIZE	
	Sock's Length (IN)	Sock's Length (CM)	Stocking's Length (IN)	Stocking's Length (CM)	US	EU
S	7	18	13.7	35	5-6	35-38
M	7	20	14.9	38	6.5-8	39-4
L	7	20	16.1	41	9-11	42-44
XL	8.6	22	17.3	44	11.5-13	45-47



SR01



SR01-1



SR03



SR04



SR07

Manual Version

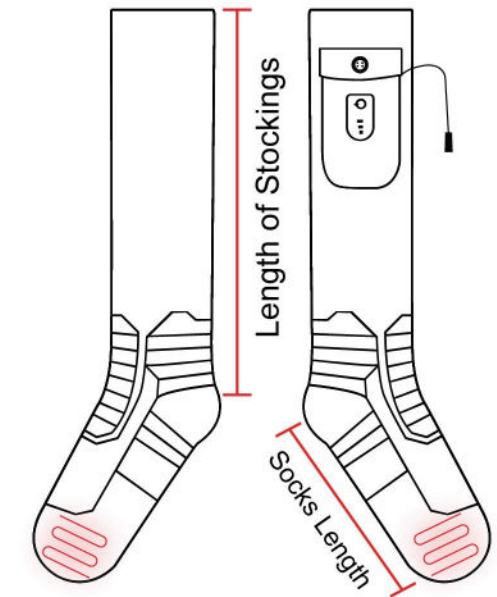
- Heated Performance**
Heating Performance up to 65°C/149°F
- High powered Heated Socks**
Heating time reach up to 3-7 hours
- Washable Premium Materials**
Made of a carefully-designed mixture of cotton, acrylic, nylon, and spandex

- Versatile Heated Socks**
suitable for all kinds of outdoor sports, such as skiing, hiking, hunting, fishing, cycling, skating, etc.
- After Sales Service**
12 months warranty



Technical Index

Heating Zone: forefeet
 Battery Capacity: 7.4V/2200mAh
 Charger Output: 8.4V 1.5A
 Charging Time: 4-6 hours
 Power: 4W



Level	Indicator	Temperature	Heating Time
High		65°C/149°F	3 hours
Medium		55°C/131°F	4 hours
Low		45°C/113°F	7 hours

Packing List	
1 heated insoles	4 remote
2 USB cable	5 manual
3 adapter	6 gift box

SIZE	HEATED SOCKS LENGTH		SUGGEST SHOE SIZE			
	Sock's Length (IN)	Sock's Length (CM)	Stocking's Length (IN)	Stocking's Length (CM)	US Man	US Women
S	7.1	18	11.5	29.2	≤5	4-7
M	7.	20	13	33	5.5-7.5	7.5-9.5
L	8.7	22	14.2	36	8-12	≥10



SM01



SM02



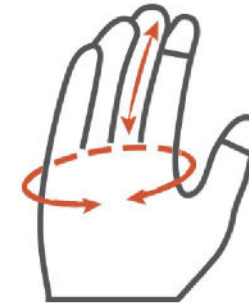
SM04



SSM02

Heated Glove Liners

- Slim Design**
Only two layers on the palm - 2mm thickness
- Material**
Polyester, Spandex and Neoprene
- Heated Performance**
Heated performance up to 65°C/149°F
- Touch Screen**
Thumb and index finger TOUCH SCREEN dexterity
- Rechargeable Battery**
7.4V lithium polymer battery, 2200mAh
- Size**
Multiple size available
- After Sales Service**
12 months warranty



Heating glove size		
SIZE	Middle Finger (CM)	Palm Size (CM)
XS	7.5	15-17.5
S	8	17.5-20
M	8.5	20-22.5
L	9	22.5 - 25
XL	9.5	25-27.5
XXL	10	27.5-30
XXXL	11	30-32.5

Level	Indicator	Temperature	Heating Time
High		65°C/149°F	3 hours
Medium		55°C/131°F	4 hours
Low		45°C/113°F	7 hours

Packing List	
1 heated gloves	4 manual
2 battery	5 gift box
3 charger	



G18-4



G32



G34



G41



G44-2



G47



G55



G56

Heated Gloves

Multiple Warmth Design
Six layers of insulation against chilliness

Material
Waterproof and windproof

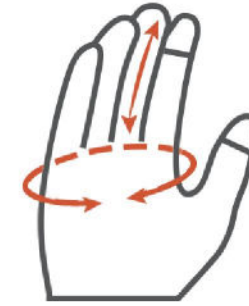
Heated Performance
Heated performance up to 65°C/149°F

Touch Screen
Thumb and index finger TOUCH SCREEN dexterity

Rechargeable Battery
7.4V lithium polymer battery, 3000mAh

Size
Multiple size available

After Sales Service
12 months warranty



Heating glove size		
SIZE	Middle Finger (CM)	Palm Size (CM)
XS	7.5	15-17.5
S	8	17.5-20
M	8.5	20-22.5
L	9	22.5 - 25
XL	9.5	25-27.5
XXL	10	27.5-30
XXXL	11	30-32.5

Level	Indicator	Temperature	Heating Time
High		65°C/149°F	3 hours
Medium		55°C/131°F	4 hours
Low		45°C/113°F	7 hours

Packing List	
1 heated gloves	4 manual
2 battery	5 gift box
3 charger	



G23



G25



G31



G37



G45



G50

Heated Mitten



Multiple Warmth Design

Six layers of insulation against chilliness



Heated Performance

Heated performance up to 65°C/149°F



Rechargeable Battery

7.4V lithium polymer battery, 3000mAh



After Sales Service

12 months warranty



Material

Waterproof and windproof



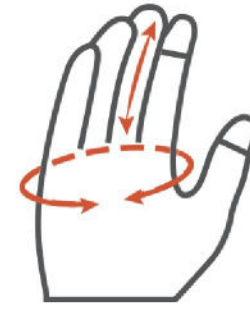
Touch Screen

Thumb and index finger TOUCH SCREEN dexterity



Size

Multiple size available



Heating glove size		
SIZE	Middle Finger (CM)	Palm Size (CM)
XS	7.5	15-17.5
S	8	17.5-20
M	8.5	20-22.5
L	9	22.5 - 25
XL	9.5	25-27.5
XXL	10	27.5-30
XXXL	11	30-32.5

Level	Indicator	Temperature	Heating Time
High		65°C/149°F	3 hours
Medium		55°C/131°F	4 hours
Low		45°C/113°F	7 hours

Packing List	
1 heated gloves	4 manual
2 battery	5 gift box
3 charger	



G24+



G26



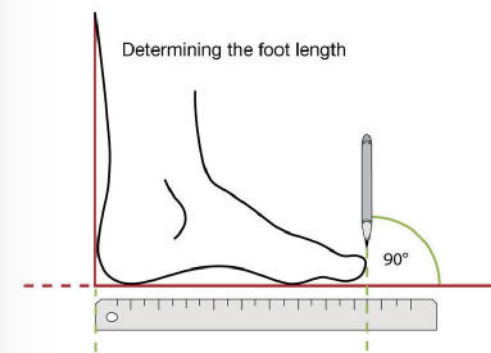
G63



G38

Heated Footwear

- Ergonomics Design**
Arch support design to protect your feet
- Material**
Light EVA/rubber undersole and versatile fabric
- Heated Performance**
Heated performance up to 65°C/149°F
- Size**
Multiple size available
- Rechargeable Battery**
Multiple voltage battery choice: 3.7V/5V/7.4V
- After Sales Service**
12 months warranty



SHOE SIZE	EU	US Size		Suggest Foot Length	
		Women	Men	mm	inch
XS	35-36	5-6	4-5	229	9.01"
S	37-38	7-8	6-7	246	9.68"
M	39-40	8.5-9.5	7.5-8.5	258	10.15"
L	41-42	10-11	9-10	270	10.62"
XL	43-44	12-13	11-12	288	11.33"

Level	Indicator	Temperature
High		65°C/149°F
Medium		55°C/131°F
Low		45°C/113°F

Packing List	
1 heated slippers/shoes	4 manual
2 battery	5 gift box
3 charger	



Heated Apparel

Heated Performance
Heated performance up to 65°C/149°F

Rechargeable Battery
Multiple voltage battery choice: 3.7V/5V/7.4V

After Sales Service
12 months warranty

Material
Light EVA/rubber undersole and versatile fabric

Size
Multiple size available

Heated gear accessories, like neck gaiter, cap, and sit pad, provide adjustable warmth with built-in heating elements powered by rechargeable batteries. Perfect for outdoor activities or cold-weather work, these accessories offer lasting comfort and flexibility in low temperatures.

Level	Indicator	Temperature
High		65°C/149°F
Medium		55°C/131°F
Low		45°C/113°F

Packing List	
1 heated socks	4 manual
2 battery	5 gift box
3 charger	



BM02



NM01



NM06



HS02



BAM01



BLM03



CM04



Heated Apparel



Heated Performance

Heated performance up to 65°C/149°F



Rechargeable Battery

Multiple voltage battery choice: 3.7V/5V/7.4V



After Sales Service

12 months warranty



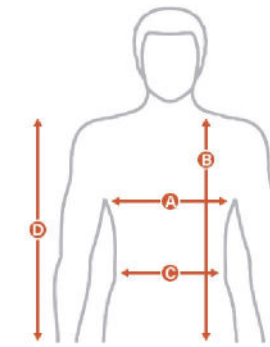
Material

Versatile fabric for different apparel: jacket/hoodie/vest/pants/underwear, etc.



Size

Multiple size available



Size Chart				
SIZE/cm	A	B	C	D
S	56	69	57	63
M	58	71	59	64
L	62	73	63	66
XL	65	77	66	68
XXL	69	79	69	69

Level	Indicator	Temperature
High	Red	65°C/149°F
Medium	Purple	55°C/131°F
Low	Blue	45°C/113°F

Packing List

- ① heated clothing
- ② manual
- ③ gift box

Care

- Machine Wash Cold
- Do not iron
- Do not dry clean
- Do not machine dry
- Line dry, hang dry, or lay flat



FM01



FS01



VM01



TS01



FM03



UM01 UM02

Polymer Lithium Battery (LiPo)

A polymer lithium battery (LiPo) is a rechargeable battery with a polymer electrolyte, making it light-weight, flexible, and ideal for compact devices. It offers high energy density and fast discharge rates but requires careful handling to prevent damage. Proper maintenance can help extend its lifespan. Use for heated gloves, heated socks, heated hats, heated clothes, heated thermal underwears, etc.



NB-M3



7428GL



F150



SK5010



LLS-96



LLS-77



LLS-66



SK0540



SK3740R



SK7422



SK7430



SK7438



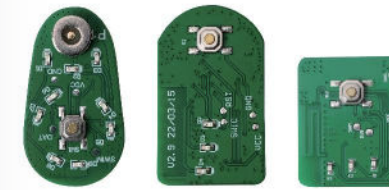
554468

Care

Keep away from open flames, store in a cool and dry place, and avoid contact with metal objects to prevent short circuits. If the battery is not used for an extended period, it should undergo a charge-discharge maintenance cycle every two months to prolong its lifespan.

Heated System

We focus on designing and developing advanced heating solutions for wearable items, ensuring high performance, safety, and user comfort. With expertise in both electronics and wearable technology, we deliver innovative products that provide warmth and convenience for various applications, to become your best provider of heated tech solution.



Dr.warm smart control heating technology keeps you perfectly warm, providing personalized, consistent comfort in any condition.



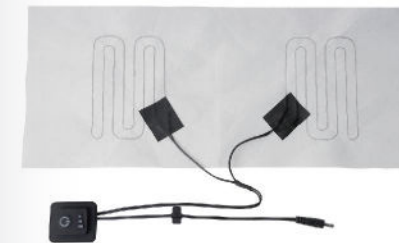
Mittens System



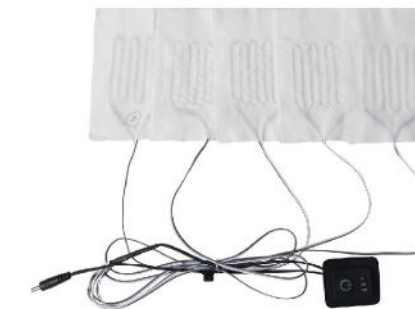
Gloves System



Insoles System



Hand Muff System



Cloth System



Magnetic Cushion System



Shoes System



Finger Mitten System



Socks System



Accessories

We additionally offer a full range of accessories needed for heating devices, including chargers, boost cables, converters, remote controllers, and more. You can stock up on extra accessories to ensure you're always prepared for any situation.



US charger



EU charger



UK charger



Multi-charger



USB/DC-male



USB/Micro



USB/Type-c



USB/magnetic



USB/DC-female



Boost Cable



USB/DC



Remote Controller



Custom Button