

Technical Data sheet

Long sleeve cotton jacket

◆ Product Description

Dedicated to smart wearables and outdoor protection, this heated long-sleeve cotton jacket features a core graphene full-area heating system, enabling 3-second rapid heating and three-level intelligent temperature control. With mid-length three-dimensional tailoring, it balances warmth and freedom of movement, while detailed designs focus on both functionality and comfort.

- Intelligent thermostatic and heating technology
- Hardcore protective fabric
- Three-level intelligent temperature control
- Long-lasting battery life
- Graphene full-area heating system

◆ Product Structure

• The outer layer of the fabric of the long-sleeved cooling work clothes is made of polyester fiber, which is wear-resistant, waterproof and sun-proof. The middle layer contains phase-change and breathable fibers for cooling, and the inner layer is made of cotton, which is skin-friendly and sweat-absorbent. In terms of design, the stand-up collar is adjustable, there are thumb holes on the cuffs, the two-way zipper is equipped with a windproof piece, and there are breathable mesh holes on the back in terms of function, there are multiple pockets for storing tools, and there are reflective signs in multiple places to ensure safety in low-light conditions.

◆ Typical Applications

• This heated long-sleeve cotton jacket is widely used in various scenarios, with an outer layer made of nylon and an inner layer of polyester. It features a core graphene full-area heating system (covering the back, abdomen, and cuffs), supporting three-level intelligent temperature control and uniform far-infrared heating. Equipped with a 16,000mAh 5V/2A battery and triple safety protection, it adopts mid-length three-dimensional tailoring combined with a high-collar windproof stand collar for optimal warmth and mobility.



◆ Typical Product Data and Physical Properties

Fabric material: 100% nylon Lining material: 100% polyester Color: Black 、Blue 、Red

Sizes: S#-5XL#

Functions: Smart heating, three-level temperature control

Power bank: 16,000mAh 5V/2A

Size	Clothing length	Sleeve length	1/2 Bust	1/2 pendent	Height (cm)	Weight (g)
S	60	59.5	46	38	140-145	70-80
M	62	61	48	40	145-155	80-90
L	64	62.5	50	42	150-160	90-100
XL	66	64	52	44	155-165	100-110
2XL	68	65.5	54	46	160-170	110-125
3XL	70	67	56	48	165-175	125-135
4XL	72	68.5	58	50	170-180	135-150
5XL	74	70	60	52	175-180	150-165
6XL	76	71.5	62	54	180-190	165-180

Availability:

Item#	Size	color	Heating Zones
1.1.01.09 0330-0338	S#-6XL#	Black	Single control 2 zones
1.1.01.09.0339-0347	S#-6XL#	Black	Single control 4 zones
1.1.01.09 0348-0356	S#-6XL#	Black	Single control 9 zones
1.1.01.09.0357-0365	S#-6XL#	Black	Double control 11 zones
1.1.01.09 0366-0374	S#-6XL#	Black	Double control 15 zones
1.1.01.09.0375-0383	S#-6XL#	Black	Quad control 19 zones
1.1.01.09.0384-0392	S#-6XL#	Black	Quad control 21 zones
1.1.01.09.0393-0401	S#-6XL#	Blue	Single control 2 zones
1.1.01.09.0402-0410	S#-6XL#	Blue	Single control 4 zones
1.1.01.09.0411-0419	S#-6XL#	Blue	Single control 9 zones
1.1.01.09.0420-0428	S#-6XL#	Blue	Double control 11 zones
1.1.01.09.0429-0437	S#-6XL#	Blue	Double control 15 zones
1.1.01.09.0438-0446	S#-6XL#	Blue	Double control 19 zones
1.1.01.09.0447-0455	S#-6XL#	Blue	Quad control 21 zones
1.1.01.09.0456-0464	S#-6XL#	Red	Single control 2 zones
1.1.01.09.0465-0473	S#-6XL#	Red	Single control 4 zones
1.1.01.09.0474-0482	S#-6XL#	Red	Single control 9 zones
1.1.01.09.0483-0491	S#-6XL#	Red	Double control 11 zones

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data for reference only

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