

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% polyester Lining material: 100% polyester Colors: black, military green

Sizes: M#-6XL#

Functions: Smart heating, three-level temperature control

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

Size	Clothing length	Sleeve length	Bust	sleeve length	Height (cm)	Weight (g)
M	69	45.5	110	59.5	160-170	115-130
L	71	47	114	61	165-175	125-140
XL	73	48.5	118	62.5	170-180	135-150
2XL	75	50	122	64	175-185	145-160
3XL	77	51.5	126	65.5	180-190	155-170
4XL	79	53	130	67	185-195	165-180
5XL	81	54.5	134	68.5	190-200	175-190
6XL	83	56	138	70	195-205	185-200

Availability:

Item#	Size	color	Heating Zones	
1.1.01.09.0492-0499	M#-6XL#	Black	Double control 15 zones	
1.1.01.09.0501-0507	M#-6XL#	Military green	Double control 15 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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