TECHNICAL DATA SHEET

NON- RECHARGEABLE SENSOR BATTERY PACK

ORDER CODE: BP-100
PRODUCT CATEGORY: ACCESSORIES

Keep Your Sensors Powered Without the Extra Effort.

PRODUCT OVERVIEW

General Description

The BP-100 Non-Rechargeable Battery Pack provides a reliable, long-lasting power solution for your sensors and devices. Engineered for convenience and dependability, it ensures your sensors stay operational without the need for frequent recharging. Designed for quick installation, the BP-100 allows entire battery packs to be replaced in seconds, eliminating the need to handle individual cells. This feature simplifies maintenance routines, making it ideal for environments where uninterrupted performance is critical.

With its dependable energy output, the BP-100 keeps your sensors functioning consistently, reducing the risk of unexpected power loss.

WHY CHOOSE BP-100 BATTERY PACK

FEATURE	BP-100 ADVANTAGE
Time to Replace	10-20 seconds
Ease of Use	Quick, simple swap - no tools needed
Downtime	Minimal - sensor back online fast
Battery Life	Extended life + recharge (less frequent swaps)
Maintenance	Swap the pack, not individual batteries
Long-Term Cost & Effort	Lower replacement costs & labor, more efficiency

LESS TIME. LESS HASSLE. GREATER DEVICE RELIABILITY.
The BP-100 keeps your sensors running longer, and reduces maintenance - so your sensors stay powered, and you stay ahead.

TECHNICAL SPECIFICATIONS

Power	
Operating Voltage	1.8VDC to 3VDC (battery cells) 1.8VDC to 5VDC (battery cells + USB-C)
Recommended Battery Cells	Tenergy CR-123A (30214) 1400mAh
Maximum Capacity	5600mAh with 4×CR123A cells
Maximum Discharge Current	4.0A
Self Discharge Rate	1.0% per month

USB-C	
Specification	USB Type C version 1.3
Port Role	Dual Role Port with Try.SNK
Source (Output) Power	7.5W (5V 1.5A) maximum
Sink (Input) Power	7.5W (5V 1.5A) maximum

USB-C	
Primary Over-Current Protection	4.0A PTC fuse

Physical Characteristics	
Housing Material	Flame Retardant Polycarbonate/ABS
Physical Dimensions	Height: 105mm / 4.1inch Width: 69mm / 2.7inch Depth: 30.8mm / 1.2inch
Weight	205g

Environmental	
Operating Temperature	-20°C to 60°C
Storage Temperature	-20°C to 60°C (1 month) -20°C to 45°C (3 months) -20°C to 25°C (12 months)
Permissible Humidity	20% to 85% (operation and storage)
Ingress Protection	IP30 (unmated) IP55 (mated with sensor)
Pollution Degree	2
Altitude	2000 m

User Interface	
Status LED	1 status LED (green, red)

PRODUCT CERTIFICATIONS

Transportation UN/DOT 38.3

SCAN HERE!

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