

Specifications

Configuration: 1S3P

Connector: JST EHR-3

Active Protection Circuit

10K NTC

Wire: 22AWG UL1007

Shrink: UL 224 VW-1 PVC

Reference Mechanical Specifications:

67.70mm x 19.50mm x 57.10mm

2.665in x 0.768in x 2.248in

145.60g (0.32 lb.)

Wire Length: 150mm (5.9in)



Cell Option	Cell Model	Pack Nominal Electrical Specs	Maximum Discharge Current	End of Discharge Voltage	Maximum Charge Current	Maximum Charge Voltage
01	Moli Energy ICR18650K	3.7V / 7.8Ah / 28.86Wh	2.50A	3.00V	2.50A	4.20V
02	Moli Energy IHR18650M	3.7V / 8.4Ah / 31.08Wh	2.50A	3.00V	2.50A	4.20V
03	Panasoni NCR18650	3.6V / 8.7Ah / 31.32Wh	2.50A	3.00V	2.50A	4.20V
04	Panasonic NCR18650B	3.6V / 10.05Ah / 36.18Wh	2.50A	2.50V	2.50A	4.20V

Standard Features

- + High quality cells from industry leading manufacturers
- + Assembled in USA at our cell manufacturer approved production facility
- + Field tested design for reliable performance
- + UN transport certification
- + RoHS compliance (via the EU battery directive)
- + WEEE and IATA compliant label markings
- + 100% electrical and cosmetic acceptance testing
- + Adherence to IPC-A-620 and IPC-WHMA-A-620 Class 2 visual acceptance criteria for soldering and cable installation
- + Lifetime workmanship warranty
- + ISO 9001:2008 manufacturing process backed by 25+ years of battery assembly expertise

* All specifications are subject to change without notice.

* Due to continuous improvements to our products, product may vary slightly from depiction.

Available Customizations¹

- + Higher current output and increased capacity²
- + Fuel gauging
- + Alternate output connector and wire specs
- + OEM custom labeling and serialization
- + Custom shrink colors
- + Molded outer cases

Other Options

- + ISO 13485:2003 medical manufacturing process
- + Testing for IEC, UL, or other specific standards
- + Custom charging solutions
- + Charging and analyzing services

¹ Consult the PTI sales team for information on quotes for custom packs.

² Some custom electrical changes may require a fee to re-test for UN transport compliance.

Certified ISO 9001 and ISO 13485