

Specifications

Configuration: 4S1P

Connector: JST EHR-3

Active Protection Circuit

10K NTC

Wire: 22AWG UL1007

Shrink: UL 224 VW-1 PVC

Reference Mechanical Specifications:

74.70mm x 18.90mm x 72.42mm

2.941in x 0.744in x 2.851in

198.70g (0.44 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	Panasonic UR18650A	14.4V / 2.25Ah / 32.4Wh	3.50A	12.00V	2.15A	16.80V
02	Moli Energy IHR18650B	14.4V / 2.25Ah / 32.4Wh	3.50A	12.00V	2.20A	16.80V
03	Moli Energy ICR 18650M	14.8V / 2.8Ah / 41.44Wh	3.50A	12.00V	2.50A	16.80V
04	Panasonic NCR18650	14.4V / 2.9Ah / 41.76Wh	3.50A	10.00V	1.92A	16.80V

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