

Specifications

Configuration: 1S1P

Connector: JST EHR-2

Active Protection Circuit

Wire: 22AWG UL1007

Shrink: UL 224 VW-1 PVC

Reference Mechanical Specifications:

18.90mm x 19.28mm x 69.97mm

0.744in x 0.759in x 2.755in

53.10g (0.12 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	3.6V / 2.25Ah / 8.10Wh	2.50A	3.00V	2.15A	4.20V
02	Moli Energy IHR18650B	3.6V / 2.25Ah / 8.10Wh	2.50A	3.00V	2.20A	4.20V
03	Moli Energy ICR18650M	3.7V / 2.8Ah / 10.36Wh	2.50A	3.00V	2.50A	4.20V
04	Panasonic NCR18650	3.6V / 2.9Ah / 10.44Wh	2.50A	2.50V	1.92A	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