

## Specifications

**Configuration:** 1S2P

**Connector:** JST EHR-3

**Active Protection Circuit**

**10K NTC**

**Wire:** 22AWG UL1007

**Shrink:** UL 224 VW-1 PVC

**Reference Mechanical Specifications:**

37.26mm x 23.39mm x 68.00mm

1.467in x 0.921in x 2.677in

99.80g (0.22 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 / 4.5Ah / 16.20Wh	2.50A	3.00V	2.50A	4.20V
02	Moli Energy IHR18650B	3.6V / 4.5Ah / 16.20Wh	2.50A	3.00V	2.50A	4.20V
03	Moli Energy ICR18650M	3.7V / 5.6Ah / 20.72Wh	2.50A	3.00V	2.50A	4.20V
04	Panasonic NCR18650	3.6V / 5.8Ah / 20.88Wh	2.50A	2.50V	2.50A	4.20V
05	Panasonic NCR18650B	3.6V / 6.5Ah / 23.40Wh	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 Customizations<sup>1</sup>

- + Higher current output and increased capacity<sup>2</sup>
- + 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

<sup>1</sup> Consult the PTI sales team for information on quotes for custom packs.

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

Certified ISO 9001 and ISO 13485