

## Specifications

**Configuration:** 1S1P

**Connector:** JST EHR-3

**Active Protection Circuit**

**10K NTC**

**Wire:** 22AWG UL1007

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

**Reference Mechanical Specifications:**

35.31mm x 11.43mm x 55.63mm

1.390in x 0.450in x 2.190in

45.20g (0.10 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 UF103450P	3.7V / 1.88Ah / 6.96Wh	2.50A	3.00V	1.88A	4.20V
02	Moli Energy ICP-103450CA	3.7V / 1.9Ah / 7.03Wh	2.50A	3.00V	1.40A	4.20V
03	Panasonic NCA103450	3.6V / 2.2Ah / 7.92Wh	2.50A	2.50V	2.20A	4.20V
04	Moli Energy ICP-103450DA	3.7V / 2.2Ah / 8.14Wh	2.50A	3.00V	2.10A	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