

Specifications

Configuration: 3S2P

Connector: JST EHR-3

Active Protection Circuit

10K NTC

Wire: 22AWG UL1007

Shrink: UL 224 VW-1 PVC

Reference Mechanical Specifications:

111.30mm x 18.80mm x 69.14mm

4.382in x 0.740in x 2.722in

295.20g (0.65 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 | 10.8V / 4.5Ah / 48.6Wh | 3.50A | 9.00V | 3.50A | 12.60V |
| 02 | Moli Energy IHR18650B | 10.8V / 4.5Ah / 48.6Wh | 3.50A | 9.00V | 3.50A | 12.60V |
| 03 | Moli Energy ICR 18650M | 11.1V / 5.6Ah / 62.16Wh | 3.50A | 9.00V | 3.50A | 12.60V |
| 04 | Panasonic NCR18650 | 10.8V / 5.8Ah / 62.64Wh | 3.50A | 7.50V | 3.50A | 12.60V |

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