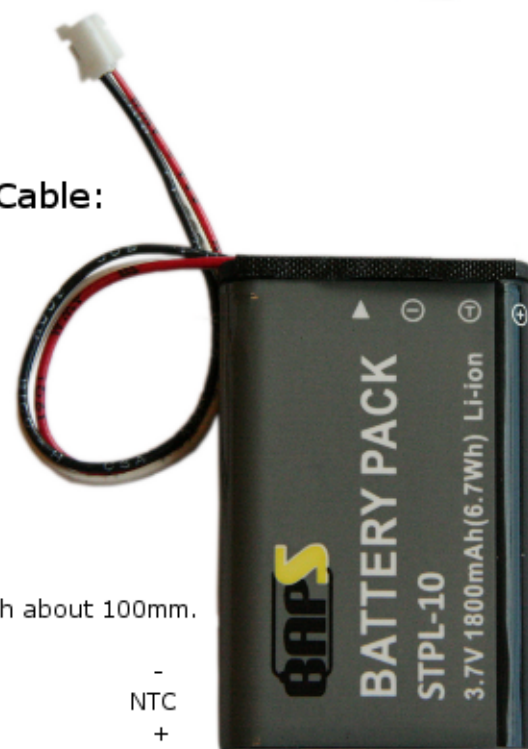


Battery Data Sheet¹

| | | |
|---|--|-----------|
| Basic Cell | ICP 103450 AR | |
| Battery Dimensions [mm] | | |
| Length (L) | Max. 52.45 | |
| Width (W) | Max. 34.10 | |
| Thickness (T) | Max. 11.50 (delivery status) Max. 12.50 (after cycling, center) | |
| Contacts | + / NTC / - NTC 100kOhm±5% | |
| Weight, approx. [g] | 38 | |
| Electrical Parameter | | |
| Nominal Voltage [V] | 3.7 (average) | |
| Typical capacity [mAh] | 1850 (0.2C/3.0V at 20°C) | |
| Minimum capacity C [mAh] | 1800 (0.2C/3.0V at 20°C) | |
| Impedance initial [mΩ] | <150 @ 1kHz at 4.2V | |
| Max. Charge [mA] | 1800 | |
| Max. Charge Voltage [V] | 4.20 | |
| Max. cont. Discharge [mA] | 1800 | |
| Life expectancy 0.5C/0.5C [20°C Cycles] | 300 >80% of min. capacity | |
| Operating temperature [°C] | Charge: | 0 to 45 |
| | Discharge: | -20 to 60 |
| Storage Temperature | 12 month at -20 to +25°C | |
| Safety Parameter PCM | | |
| Overcharge Det. Voltage | 4.350 ±0.050 V | |
| Overcharge Release | Discharge | |
| Overdischarge Det. Voltage | 2.300 ±0.050 V | |
| Overdischarge Rel. Voltage | Charge | |
| Overcurrent Det. Range | 2-5 A | |
| Delivery Status | | |
| Battery Voltage | 3.7 – 3.9V | |
| Battery Capacity | 50-60% | |
| Label | | |
| Standard | | |
| Certifications | | |
| Cell | UL1642 | |
| Battery | CE, UN38.3, ROHS | |



Option Cable:



Cablelength about 100mm.

Pin 1 black -
Pin 2 NTC
Pin 3 red +

Connector: JST PHR-3 (I max. 2A)

Information:

Battery is getting longer about 1.5 mm and thicker about 0.5 mm.

Cable to pin 2 can also be yellow.

¹ Prior to use read Handling Precaution and Prohibitions for Li-Ion Batteries
Subject to change without prior notice !