



Li-ion Battery

Product Specifications

Pouch-Cell HCB963450



Thickness: 9.6/Width: 34/Length: 50

Dimension (Unit: mm)

Advantages

- **Highly Flexible and Customizable**
(size and model can be customized, square ultra-thin structure, maximizing the use of battery compartment)
- **Good Safety Performance** (soft aluminum plastic film shell, safer than ordinary steel and aluminum shell batteries)
- **High Capacity** (compared with steel and aluminum prismatic batteries of the same size, the capacity can be increased by 5%~15%)
- **Light Weight, High Specific Energy**
(mass specific energy can reach 250Wh/kg)

Application

- Smart Wearable Devices
- GPS Tracker
- Portable Power Bank
- Portable Medical Devices
- Electric Two Wheeler

Electrical Performance Parameters

Product Series:	HCB Li-ion Battery
Nominal Capacity	2000 mAh
Minimum Capacity	1950 mAh
Nominal Voltage	3.7 V
Discharge Cut-off Voltage	2.5 V
Charge Cut-off Voltage	4.2 V
Cycle life (0.2C 100%DOD)	≥500
Maximum Continuous Discharge Current	2000 mA
Standard Discharge Current	400 mA
Maximum Charge Current	2000 mA
Internal Resistance(1kHz@RT)	≤50 mΩ

Storage Environment (Recommended)

25±3°C 65±20% RH

Operating Temperature

Charge Temperature 0°C~45°C

Discharge Temperature -20°C~60°C