



Lithium Ion Rechargeable Battery

Product Specifications

Lithium Ion Battery HLM14500-10C



Diameter: 14.3 / Height: 51.0

Dimension (Unit: mm)

Advantage

- High Reliability, High Weather Resistance
- High Current Pulse Discharge Capability (maximum pulse discharge current can reach 5A)
- High Power, High Energy
- Low Self Discharge
- Wide Temperature Range For Use(-40°C~+85°C)

Application

- Portable Medical Equipment
- TCU/T-Box Remote Information Control Unit
- Smart Metering
- Intelligent Metering
- RF System
- Intelligence Sensor
- Security System
- Communication Equipment

Electrical Performance Parameters

Product Series: HLM Fully Sealed Lithium Ion Rechargeable Battery

Nominal Capacity	500 mAh
Minimum capacity	485 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

Standard Discharge Current 100 mA

Maximum Discharge Current 5000 mA

Standard Charge Current 100 mA

Maximum Charge Current 500 mA

Internal Resistance(1kHz@RT) ≤100 mΩ

Storage Environment (Recommended)

25±3°C 65±20% RH

Operating Temperature

Charge Temperature -20°C~70°C

Discharge Temperature -40°C~+85°C