



Lithium Ion Battery

HLM14500-2C



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(-20°C~+60°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 600 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 120 mA

Maximum Discharge Current 1200 mA

Standard Charge Current 120 mA

Maximum Charge Current 600 mA

Internal Resistance(1kHz@RT) ≤95 mΩ

Storage Environment (Recommended)

25±3°C 65±20% RH

Operating Temperature

Charge Temperature 0°C~+45°C

Discharge Temperature -20°C~+60°C