



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
------------------------------	--------------------