



Lithium Ion Rechargeable Battery

Product Specifications

Lithium Ion Battery

RCR18650-15E-10C



Diameter: 18.5 / Height: 65.5

Dimension (Unit: mm)

Advantage

- High Reliability, High Weather Resistance
- High Current Pulse Discharge Capability
- 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: RCR18650 Lithium Ion Rechargeable Battery

Nominal Capacity 1500mAh

Minimum capacity 1480mAh

Nominal Voltage 3.7V

Discharge Cut-off Voltage 2.7V

Charge Cut-off Voltage 4.2V

Cycle life (0.2C 100%DOD) ≥500

Maximum Continuous Discharge Current

15A

Standard Discharge Current 1.5A

Standard Charge Current 1.5A

Internal Resistance(1kHz@RT) ≤17mΩ

Typical weight 43g

Storage Environment (Recommended)

25±3°C 65±20% RH

Operating Temperature

Charge Temperature 0°C~45°C

Discharge Temperature -20°C~+60°C