

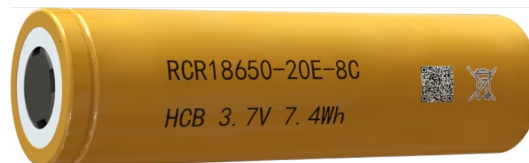


# Lithium Ion Rechargeable Battery

## Product Specifications

# Lithium Ion Battery

## RCR18650-20E-8C



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 2000mAh

Minimum capacity 1980mAh

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  
16A

Standard Discharge Current 1A

Standard Charge Current 1A

Internal Resistance(1kHz@RT) ≤17mΩ

Typical weight 44g

Storage Environment (Recommended)  
25±3°C 65±20% RH

Operating Temperature

Charge Temperature 0°C~45°C

Discharge Temperature -20°C~+60°C