



# Lithium Ion Battery

## RCR18650-25E-8C



Diameter: 18.5 / Height: 65.5

Dimension (Unit: mm)

### Electrical Performance Parameters

#### 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)

Product Series: RCR18650 Lithium Ion Rechargeable Battery

**Nominal Capacity** 2500mAh

**Minimum capacity** 2450mAh

**Nominal Voltage** 3.7V

**Discharge Cut-off Voltage** 2.7V

**Charge Cut-off Voltage** 4.2V

**Cycle life (0.2C 100%DOD)** ≥800

**Maximum Continuous Discharge Current**

20A

**Standard Discharge Current** 1.25A

**Standard Charge Current** 1.25A

**Internal Resistance(1kHz@RT)** ≤17mΩ

**Typical weight** 46g

**Storage Environment (Recommended)**

25±3°C 65±20% RH

**Operating Temperature**

**Charge Temperature** 0°C~45°C

**Discharge Temperature** -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