

1. General Specification

- Model : HDA 18650 2500mAh
- Type: Lithium-Ion (NMC)
- Nominal Capacity: 2500mAh @ 0.5C 25°C
- Minimum Capacity: 2350mAh @ 8C 25°C
- Nominal Voltage: 3.6V

2. Electrical Characteristic

- Charging Voltage: $4.2 \pm 0.05V$
- Discharge Ending Voltage: $2.75 \pm 0.05V$
- Standard Charging Current: 0.5C (1250 mA)
- Standard Discharge Current: 0.2C (500 mA)
- Max. Charge Current: 1C
- Max. Discharge Current: 12C
- Internal Resistance: $\leq 18 \text{ m}\Omega$ (AC Impedance 1000 Hz)

3. Cycle Life

- 300 cycles @80% Capacity 0.5C/8C till cut off voltage

4. Temperature Range

- Charge: 0~50°C
- Discharge: -20~80°C
- Re- Charge Temp: 45°C
- Re- Discharge Temp: 60°C

5. Physical Characteristics

- Height (with PET film): $65.3 \pm 0.2 \text{ mm}$
- Diameter (with PET film): $18.6 \pm 0.2\text{mm}$
- Weight: $44 \pm 1.5\text{g}$

