

1. General Specification

- Model : HDA 18650 2000mAh
- Type: Lithium-Ion (NMC)
- Nominal Capacity: 2000mAh @ 0.5C
- Minimum Capacity: 1950mAh @ 0.5C
- Nominal Voltage: 3.7V

2. Electrical Characteristic

- Charging Voltage: $4.2 \pm 0.05V$
- Discharge Ending Voltage: $2.75 \pm 0.05V$
- Standard Charging Current: 0.5C (1000 mA)
- Standard Discharge Current: 10C (20000 mA)
- Max. Charge Current: 2C (NOT for cycle life)
- Max. Discharge Current: 10C
- Internal Resistance: $\leq 15 \text{ m}\Omega$ (AC Impedance 1000 Hz)

3. Cycle Life

- %100 DOD: 500 cycles @80% Capacity
- %80 DOD: 700 cycles @80% Capacity
- %50DOD: 1000 cycles @80% Capacity

4. Temperature Range

- Charge: 0~45°C
- Discharge: -20~60°C
- Max. Short Term Charge Temp: 60°C
- Max Short Term Discharge Temp: 70°C

5. Physical Characteristics

- Height (with PET film): $65.4 \pm 0.3 \text{ mm}$
- Diameter (with PET film): $18.2 \pm 0.2\text{mm}$
- Weight: $42 \pm 3g$

