



18650-C26 Li-ion Battery

CAB 18650-C26 offers the good C-rate and suitable energy for medium range applications combined with long cycle life. It is ideal for wide range of applications including Solar Lamp, Light battery, Smart home, Electric tool battery, Medical equipment battery and any medium power devices.

Li-ion

Rechargeable cell

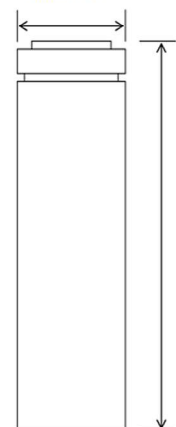
18650

Cylindrical cell

2600mAh

Capacity

Max. 18.40



Max. 65.00

Unit : mm

3.7V

Nominal Voltage

3C

Max continuous current

10A

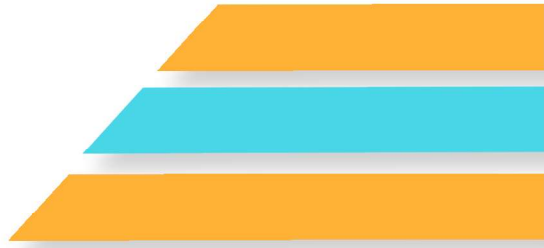
Max pulse current

CELL CHARACTERISTICS

| ITEM | | SPECIFICATION |
|-----------------------------|------------------|---|
| CELL CHARACTERISTICS | | |
| Capacity | Normal capacity | 2600 mAh by Standard charge and discharge |
| | Minimum capacity | 2550 mAh by Standard charge and discharge |
| Normal voltage | | 3.7 V |
| Charge cut-off voltage | | 4.20 V |
| Discharge cut-off voltage | | 2.75 V |
| Standard charge | | CCCV, 0.5C up to 4.2V , 0.05C cut-off |
| Charging time | | Standard charge: 180 min / Rapid charge: 50 min |
| Max discharge current | | 3C (25°C , not for cycle life) , 80% @ 250 cycle |
| Cycle life | | +0.5C/-1C 80%@500 cycle +0.5C/-2C 80%@350 cycle +0.5C/-3C 80%@200 cycle |
| Storage temperature | | 1 year: -20~25°C 3 months: -20~45°C 1 month: -20~60°C |
| Humidity range | | 0~70% RH (non-condensing) |
| Internal resistance | | ≤28 mΩ (AC Impedance, 1000Hz) |
| Weight | | ≤48g |

TECHNICAL CONDITIONS

| TECHNICAL CONDITIONS | | |
|---|------------|-------|
| Relative capacity in High-Low temperature Discharge performance | 55°C | ≥ 98% |
| | 25°C | 100% |
| | 0°C | ≥ 80% |
| | -10°C | ≥ 70% |
| | -20°C | ≥ 60% |
| Charge temperature | 0 ~ 45°C | |
| Discharge temperature | -20 ~ 60°C | |
| Relative capacity in discharge rate | 0.5C | 100% |
| | 1C | ≥ 98% |
| | 2C | ≥ 96% |
| | 3C | ≥ 95% |



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