

Rechargeable Lithium-ion Battery

GEI803448

Electrical Characteristics

| | |
|-----------------------------------|---|
| Nominal Capacity | 1500mAh (0.2C Discharge) |
| Nominal Voltage | 3.7V |
| Charge Cut-off Voltage | 4.2V |
| Discharge Cut-off Voltage | 3.0V |
| Internal Impedance | ≦ 90mΩ |
| Standard Charge Current | 0.2C |
| Standard Discharge Current | 0.2C |
| Weight | Appro. 30g |
| Rapid Charge Current | 1.0C (CC/CV, 1500mA, 4.2V, 15mA) |
| Max Discharge Current | 1.0C (Ambient temperature 25°C) |

Standard Charge

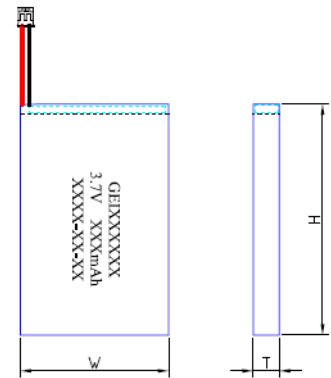
Constant Current(CC) Charging at 0.2C to 4.2V
 Constant Voltage(CV) Charging at 4.2V to cut-off current $\leq 0.01C$

Standard Discharge

Constant Current (CC) Discharge at 0.2C to cut-off voltage of 3.0V

General cycle Life(25±2°C) 300times

Constant current 0.2C charge to 4.2V , then constant voltage charge to current declines to 0.01C, rest 0.5h , then constant current 0.2C discharge to 3.0V, rest 0.5h. Repeat above steps till continuously discharging capacity lower than 80% of the Initial Capacities of the Cells.



Dimension(without PCM and wire)
T: 8.3mm W: 34mm H: 48mm
 (Note:Drawings just for reference)

Terminal / Connector

Soldering tabs/wires/connectors
 (any special connector, please don't hesitate to contact us.)

Operating Temperature

Charge: 0 ~ 45°C
 Discharge: -20 ~ 60°C

Storage Temperature

During 1 month: -5 ~ 35°C
 During 6 months: 0 ~ 35°C

Note:Information above just for your reference, more details please contact Green Energy Battery Co.,Ltd.