

Rechargeable Lithium-ion Battery Pack

ICR18650H2-2S2P

Electrical Characteristics

Nominal Capacity 5200mAh (0.2C Discharge)

Minimum Capacity 5000mAh (0.2C Discharge)

Nominal Voltage 7.4V

Charge Cut-off Voltage 8.4V

Discharge Cut-off Voltage 6.0V

Internal Impedance $\leq 200\text{m}\Omega$

Standard Charge Current 0.2C

Standard Discharge Current 0.2C

Weight Appro. 190g

Rapid Charge Current 0.5C (CC/CV, 2600mA, 8.4V, 52mA)

Max Discharge Current 0.5C (Ambient temperature 25°C)

Standard Charge

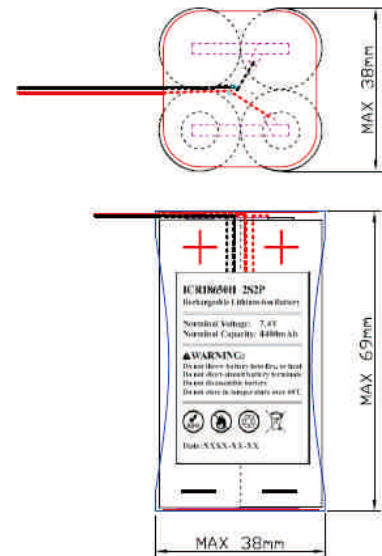
Constant Current(CC) Charging at 0.2C to 8.4V
 Constant Voltage(CV) Charging at 8.4V to cut-off current $\leq 0.01\text{C}$

Standard Discharge

Constant Current (CC) Discharge at 0.2C to cut-off voltage of 6.0V

General cycle Life(25±2°C) 300times

Constant current 0.2C charge to 8.4V , then constant voltage charge to current declines to 0.01C, rest 0.5h , then constant current 0.2C discharge to 6.0V, rest 0.5h. Repeat above steps till continuously discharging capacity lower than 70% of the Initial Capacities of the Cells.



Thickness: 38mm Width: 38mm Height: 69mm

Drawings just for reference, any special demands, please don't hesitate to contact us.

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.