

Rechargeable Lithium-ion Battery Pack

ICR18650H2-3S2P

Electrical Characteristics

Nominal Capacity 5200mAh (0.2C Discharge)

Minimum Capacity 5000mAh (0.2C Discharge)

Nominal Voltage 11.1V

Charge Cut-off Voltage 12.6V

Discharge Cut-off Voltage 9.0V

Internal Impedance $\leq 250\text{m}\Omega$

Standard Charge Current 0.2C

Standard Discharge Current 0.2C

Weight Appro. 430g

Rapid Charge Current 0.5C (CC/CV, 2600mA, 12.6V, 52mA)

Max Discharge Current 1.0C (Ambient temperature 25°C)

Standard Charge

Constant Current(CC) Charging at 0.2C to 12.6V

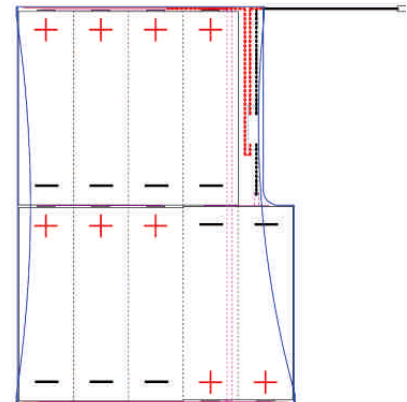
Constant Voltage(CV) Charging at 12.6V to cut-off current $\leq 0.01\text{C}$

Standard Discharge

Constant Current (CC) Discharge at 0.2C to cut-off voltage of 9.0V

General cycle Life(25±2°C) 300times

Constant current 0.2C charge to 12.6V, then constant voltage charge to current declines to 0.01C, rest 0.5h, then constant current 0.2C discharge to 9.0V, rest 0.5h. Repeat above steps till continuously discharging capacity lower than 70% of the Initial Capacities of the Cells.



Thickness: 19.5mm Width: 93mm Height: 135mm

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.