

# Rechargeable Lithium-ion Battery

## ICR18650P

### Electrical Characteristics

Nominal Capacity	1300mAh (0.2C Discharge)
Minimum Capacity	1300mAh (0.2C Discharge)
Nominal Voltage	3.6V
Charge Cut-off Voltage	4.2V
Discharge Cut-off Voltage	2.75V
Internal Impedance	≦ 50mΩ
Standard Charge Current	0.5C
Standard Discharge Current	0.5C
Weight	Appro. 45g
Rapid Charge Current	1.0C
Max Discharge Current	17A (Ambient temperature 25°C)
Max Pulse Discharge Current	25A (Ambient temperature 25°C)

### Standard Charge

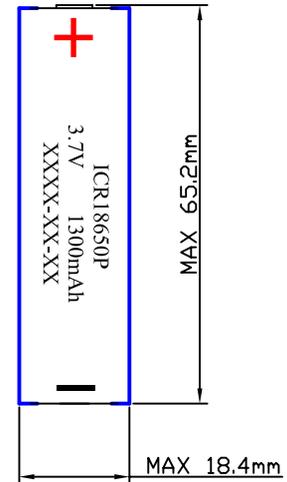
Constant Current(CC) Charging at 0.5C to 4.2V  
 Constant Voltage(CV) Charging at 4.2V to cut-off current ≦ 0.01C

### Standard Discharge

Constant Current (CC) Discharge at 0.5C to cut-off voltage of 2.75V

**General cycle Life(25±2°C) 300times**

Constant current 0.5C charge to 4.2V , then constant voltage charge to current declines to 0.01C, rest 0.5h , then constant current 0.5C discharge to 2.75V, rest 0.5h. Repeat above steps till continuously discharging capacity lower than 80% of the Initial Capacities of the Cells.



**Diameter: 18.4mm Height: 65.2mm**  
 (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.