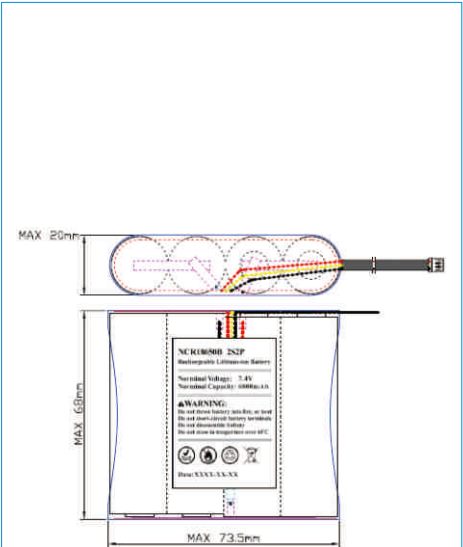


# Rechargeable Lithium-ion Battery Pack

## NCR18650B-2S2P

### Electrical Characteristics

<b>Nominal Capacity</b>	<b>6800mAh (0.2C Discharge)</b>
<b>Minimum Capacity</b>	<b>6700mAh (0.2C Discharge)</b>
<b>Nominal Voltage</b>	<b>7.4V</b>
<b>Charge Cut-off Voltage</b>	<b>8.4V</b>
<b>Discharge Cut-off Voltage</b>	<b>5.5V</b>
<b>Internal Impedance</b>	<b>≤ 180mΩ</b>
<b>Standard Charge Current</b>	<b>0.2C</b>
<b>Standard Discharge Current</b>	<b>0.2C</b>
<b>Weight</b>	<b>Appro. 191g</b>
<b>Rapid Charge Current</b>	<b>0.5C (CC/CV, 3400mA, 8.4V, 68mA)</b>
<b>Max Discharge Current</b>	<b>0.5C (Ambient temperature 25°C)</b>
<b>Standard Charge</b>	
Constant Current(CC) Charging at 0.2C to 8.4V	
Constant Voltage(CV) Charging at 8.4V to cut-off current ≤0.01C	
<b>Standard Discharge</b>	
Constant Current (CC) Discharge at 0.2C to cut-off voltage of 5.5V	
<b>General cycle Life(25±2°C)</b>	<b>300times</b>
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 5.5V, rest 0.5h. Repeat above steps till continuously discharging capacity lower than 70% of the Initial Capacities of the Cells.	



**Thickness: 20mm Width: 73.5mm Height: 68mm**

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.