### Polymer Lithium Ion Battery - 5100mAh 3.8V

This is a light weight, high energy density polymer lithium battery. It outputs a nominal 3.8v at 5100mAh, including built-in protection against over voltage, over current, and minimum voltage. It comes terminated with a standard 2-pin JST connector-2.0 mm spacing between pins.

Please do not attempt to charge these with anything but a specialized Lithium Polymer charger.

Recommended chargers for 3.8V polymer lithium battery:
- Li-po Rider
- LiPo Rider Pro
- Solar Charger Shield V2
- Energy Shield

**Features:**
- Excellent long-term self-discharge rates

*This product contains battery, might apply to shipping constriction.*
### Specification:

<table>
<thead>
<tr>
<th>Item</th>
<th>Rating</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>Typical 5150mAh</td>
<td>Discharge 0.2CmA (1000mA) cut off Voltage 3V for cell</td>
</tr>
<tr>
<td></td>
<td>Minimum 5000mAh</td>
<td></td>
</tr>
<tr>
<td>Nominal Voltage</td>
<td>Average 3.8V</td>
<td>Discharge 0.2CmA (1000mA) cut off Voltage 3V for cell</td>
</tr>
<tr>
<td>AC Impedance Resistance</td>
<td>&lt;= 45mΩ</td>
<td></td>
</tr>
<tr>
<td>Discharge Cut-off Voltage</td>
<td>3.00V</td>
<td></td>
</tr>
<tr>
<td>Charge Current</td>
<td>2000mA</td>
<td>Standard Charge</td>
</tr>
<tr>
<td>Charge Voltage</td>
<td>4.35V</td>
<td></td>
</tr>
<tr>
<td>Max. Charge Voltage</td>
<td>4.38V</td>
<td></td>
</tr>
<tr>
<td>Charge Time</td>
<td>Approx 4.0h</td>
<td></td>
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</tbody>
</table>

### Questions and Answers

Have a question about this? Ask people who own it.

### View History

- Analog joystick
- The never_going_to_miss glaring_devil_eye Huge Red...
- DC Barrel Power Jack&Connector
- Magnetic Door Switch
- 16mm Anti-vandal Metal Push Button - Royal Blue
- Grove - Starter Kit for Arduino
- Linkit ONE
- Crazyflie 2.0
- DevDuino Sensor Node V3 (ATmega 328)
- SARK-110 Antenna Analyzer
- Li-po Rider
- Seeeduino Stalker V3.1

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