LIFEPO4 BATTERY PACK
12.8V 59.4AH

**Long Life**
More than 2000 cycles at Lab test condition, longer serving time ranges helps vendors to extend the product serving life and help final users to reduce the battery replacement costs.

**Lighter & Smaller**
The LiFePO4 weighs less than half of comparable lead acid batteries, providing customers with a lighter-weight solution to optimize their product design and avoid unnecessary oversizing, which helps minimize cost and system complexity.

**High Power Capability**
LiFePO4 is designed to deliver twice the power of lead acid, including at high discharge rates, while maintaining high energy capacity to maximize product performance.

### Parameters

<table>
<thead>
<tr>
<th><strong>Nominal Voltage</strong></th>
<th>12.8V</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rated Capacity</strong></td>
<td>59.4Ah</td>
</tr>
<tr>
<td><strong>Rated Energy</strong></td>
<td>760.32Wh</td>
</tr>
<tr>
<td><strong>Output Power</strong></td>
<td>750W</td>
</tr>
<tr>
<td><strong>Alternating Inner Resistance</strong></td>
<td>≤40mΩ</td>
</tr>
<tr>
<td><strong>Self-Discharge Rate/Month</strong></td>
<td>&lt;3%/Month</td>
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</tbody>
</table>

**Charge Voltage**: 14.4V

**Charge Mode**: CC/CV

**Suggested Charge Current**: 12A

**Max. Charge Current**: 30A

**Continue Current**: 60A

**Max Pulse Current**: 60~1180A (≤20ms)

**Discharge Cut-off Voltage**: About 10V

**Charge Temperature**: 0°C~45°C

**Discharge Temperature**: -20°C~60°C

**Storage Temperature**: 0°C~45°C

**Water Dust Resistance**: IP65

**Cell**: 18650 3.2V 1800mAh

**Configuration**: 4S33P

**Dimension**: 195(L)x165(W)x175(H)mm

**Enclosure Material**: ABS Plasctics

**Weight**: 6.4Kg

**Charge Terminal**: M6

**Discharge Terminal**: M6

### Application

- Solar Storage
- Wheel Chair
- Golf Trolley
- All Purpose

* CC/CV: Constant Current / Constant Voltage
* DOD: Depth of Discharge
* xSxP: Series & Parallel Connection

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