

## SPECIFICATION OF LFP-G100

|                                |  |                        |                                       |
|--------------------------------|--|------------------------|---------------------------------------|
| Nominal Capacity               | 100Ah                                    | Working Voltage        | Single cell charge: 3.8V              |
|                                |  |                        | Battery pack charge: 3.60V            |
|                                |  |                        | Single cell discharge: 2.5V           |
|                                |  |                        | Battery pack discharge: 2.8V          |
| Max. Charge Current            | $\leq 3C$                                | Max. Discharge Current | Continuous Current: $\leq 3C$         |
|                                |  |                        | Impulse Current (<10s): $\leq 10C$    |
| Standard Charge Current        | 0.3~0.8C                                 | Ideal Charging Current | 0.5C                                  |
| Internal Resistance            | $\leq 1.8m\Omega$                        | Cycle Life             | $\geq 3000$ cycles (80%DOD)           |
| Temperature Resistance of Case | $\leq 135^{\circ}C$                      | Operating Temperature  | Charge: $0^{\circ}C-65^{\circ}C$      |
|                                |  |                        | Discharge: $-25^{\circ}C-65^{\circ}C$ |
| Self-Discharge Rate (month)    | $\leq 3\%$                               | Cell Weight            | 3.2kg $\pm$ 100g                      |
| Energy Density                 | 90~110Wh/kg                              | Power Density          | >800w/kg                              |
| Dimension                      | 140mm*62mm*236mm (243mm with tall cover) |                        |                                       |

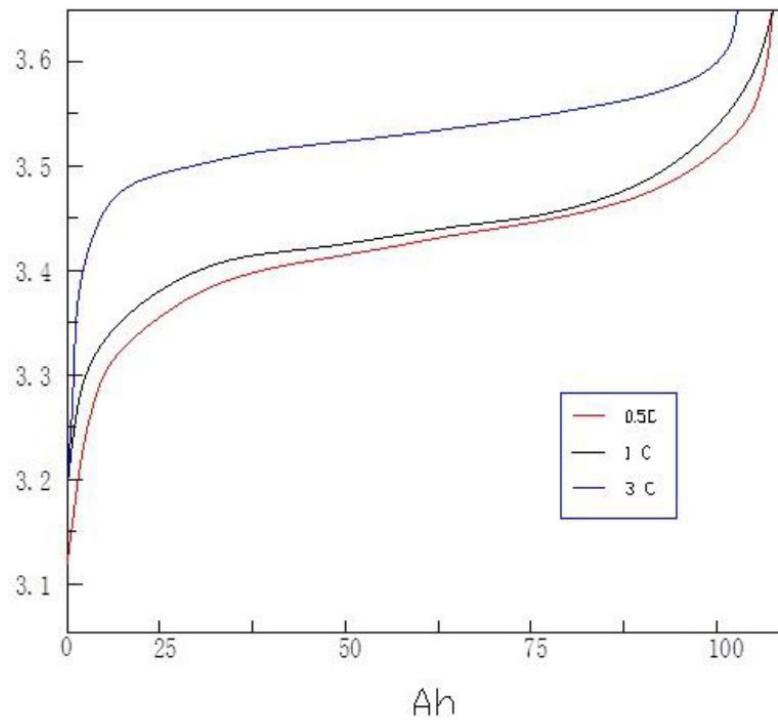


**3.2V 100Ah**



**12.8V 100Ah**

Charge Curves



Discharge Curves

