

## R/C Lithium-Iron-Phosphate (LiFePO<sub>4</sub>) Specification

Model: **LF93558**

**6.6V 1600mAh**

### Specifications



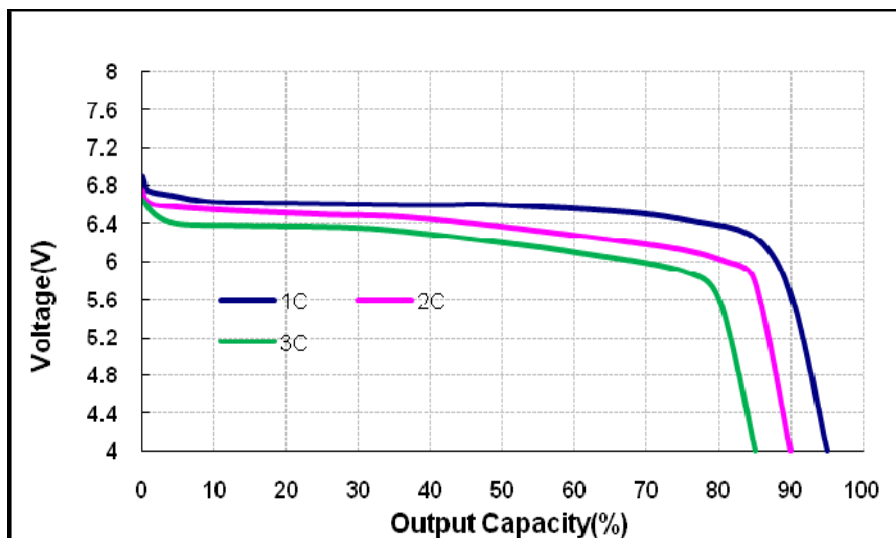
| Item             |           | (mm)        | (inch)  |
|------------------|-----------|-------------|---------|
| Single Dimension | Thickness | 24.0 max    | 0.95max |
|                  | Width     | 35 max      | 1.38max |
|                  | Length    | 58.0max     | 2.29max |
| Weight (pack)    | Gram      | Approx. 76  |         |
|                  | Ounce     | Approx. 2.7 |         |

|                                 |                    |                  |
|---------------------------------|--------------------|------------------|
| Nominal Capacity <sup>(1)</sup> |                    | 1600mAh          |
| Nominal Voltage <sup>(2)</sup>  |                    | 6.6V             |
| Impedance at 1kHz               |                    | Max. 40mΩ        |
| Charge                          | Current            | Max. 0.8A (0.5C) |
|                                 | Voltage            | Max. 7.7V        |
| Discharge                       | Continuous Current | Max. 4.8A(3C)    |
|                                 | Voltage cut-off    | 4.0V             |
| Cycle Life<br>80% Retention     | 0.2C/0.2C          | 1000 cycle       |
|                                 |                    |                  |
| Self-discharge                  |                    | <8% per month    |
| Operating Temperature Range     | Charge             | 0°C~45°C         |
|                                 | Discharge          | -20°C~60°C       |
|                                 | Storage            | -20°C~40°C       |

(1) Nominal capacity (average discharge capacity): discharge current 0.5C, end of voltage 4.0V, temperature 23±2°C.

(2) Nominal voltage (average discharge voltage): discharge current 0.5C, end of voltage 4.0V, temperature 23±2°C.

### Rate Discharge Characteristics



The information in this document is based on documents issued in October, 2009 at the latest. The information is subject to change without notice. For actual design-in refer to the latest publication of data sheet, etc., the most up-date specifications of the device.