



Li-Po Airsoft Battery Specification

Model: **LP007**

7.4V/ 850mAh/30C

Specifications



| Item | | (mm) | (inch) |
|----------------|-----------|--------------|-----------|
| Pack Dimension | Thickness | 13.5-0.5 | 0.53-0.01 |
| | Width | 25.5-0.5 | 1.00-0.02 |
| | Length | 72.0±0.5 | 2.82±0.02 |
| Weight | Gram | Approx. 50 | |
| | Ounce | Approx. 1.76 | |

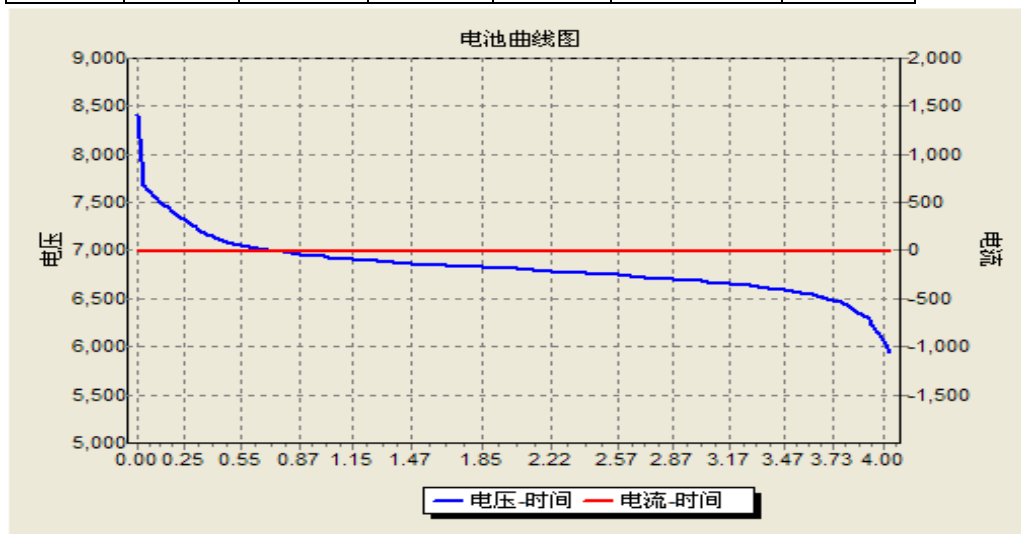
| | | |
|---------------------------------|--------------------|-----------------|
| Nominal Capacity ⁽¹⁾ | | 850mAh |
| Nominal Voltage ⁽²⁾ | | 7.4V |
| Impedance at 1kHz | | Max. 30mΩ |
| Charge | Current | Max. 1.7A (2C) |
| | Voltage | Max. 8.5V |
| Discharge | Continuous Current | Max. 25.5A(30C) |
| | Burst Current | Max. 51.0A(60C) |
| | Voltage cut-off | 6.0V |
| Cycle Life | 1C/1C | 200 cycle |
| 80% Retention | 1C/50C | 50 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 6.0V, temperature 23±2°C.

(2) Nominal voltage (average discharge voltage): discharge current 0.5C, end of voltage 6.0V, temperature 23±2°C.

High Rate Discharge Curves (12A)

| OPV | Cut-off | Duration | ADV | Current | Capacity | Power |
|------|---------|----------|---------|---------|----------|-------|
| mv | mv | min | mv | A | AH | WH |
| 8410 | 5939 | 4.03 | 6824.26 | -12.02 | 0.81 | 5.51 |



The information in this document is based on documents issued in February, 2011 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.