

Model: **VP94111-II**

**7.4V 4000mAh-40C (Interchangeable Plug System)**

### Specifications



| Item           |           | (mm)         | (inch)      |
|----------------|-----------|--------------|-------------|
| Pack Dimension | Thickness | 24.5±0.6     | 0.96 ± 0.02 |
|                | Width     | 46.0±0.5     | 1.83 ± 0.02 |
|                | Length    | 137.0±1.0    | 5.43 ± 0.04 |
| Weight         | Gram      | Approx. 214  |             |
|                | Ounce     | Approx. 7.59 |             |

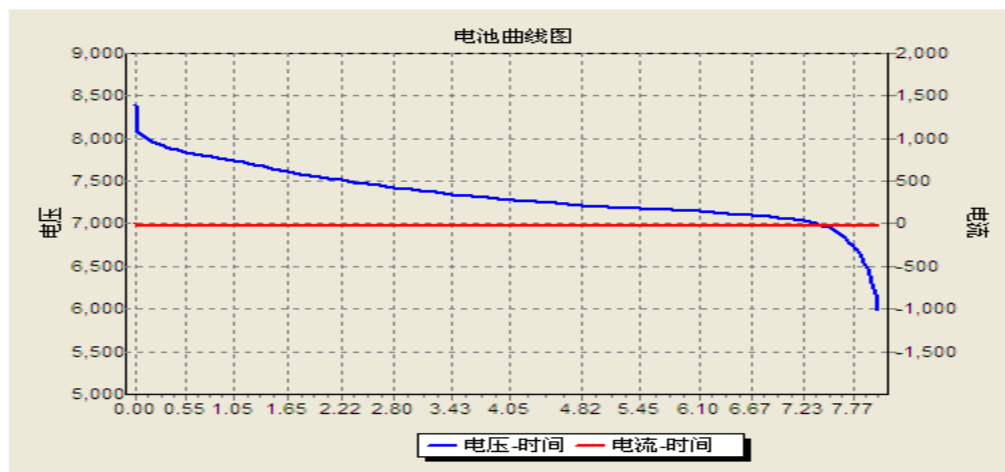
|                                 |                      |                |
|---------------------------------|----------------------|----------------|
| Nominal Capacity <sup>(1)</sup> |                      | 4000mAh        |
| Nominal Voltage <sup>(2)</sup>  |                      | 7.4V           |
| Impedance at 1kHz               |                      | Max. 6m Ω      |
| Charge                          | Current              | Max. 8A (2C)   |
|                                 | Voltage              | Max. 8.5V      |
| Discharge                       | Continuous Current   | Max. 160A(40C) |
|                                 | Burst Current        | Max. 240A(60C) |
|                                 | Voltage cut-off      | 6.0V           |
| Cycle Life                      | 1C/1C                | 200 cycle      |
|                                 | 80% Retention 1C/30C | 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 (30A)

| OPV  | Cut-Off | Duration | ADV            | Current | Capacity | Power        |
|------|---------|----------|----------------|---------|----------|--------------|
| mv   | mv      | min      | mv             | A       | AH       | WH           |
| 8397 | 5983    | 8.03     | <b>7337.39</b> | -30.04  | 4.02     | <b>29.51</b> |



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