

Model: **VP98669**

**2S/ 7.6V/ 6000mAh/ 80C/ 45.6Wh**

### Specifications



| Item           |           | (mm)          | (inch)      |
|----------------|-----------|---------------|-------------|
| Pack Dimension | Thickness | 25.1-0.1      | 0.988-0.01  |
|                | Width     | 47.0-0.1      | 1.85-0.01   |
|                | Length    | 138.5 ± 0.5   | 5.45 ± 0.02 |
| Weight         | Gram      | Approx. 298   |             |
|                | Ounce     | Approx. 10.57 |             |

|                                 |                    |                   |
|---------------------------------|--------------------|-------------------|
| Nominal Capacity <sup>(1)</sup> |                    | 6000mAh           |
| Nominal Voltage <sup>(2)</sup>  |                    | 7.6V              |
| Impedance at 1kHz               |                    | Max. 3.5m Ω       |
| Charge                          | Current            | Max. 12A (2C)     |
|                                 | Voltage            | Max. 8.7V         |
| Discharge                       | Continuous Current | Max. 480.0A(80C)  |
|                                 | Burst Current      | Max. 960.0A(160C) |
|                                 | Voltage cut-off    | 6.0V              |
| Cycle Life                      | 1C/1C              | 200 cycle         |
| 80% Retention                   | 1C/ 65C            | 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        |

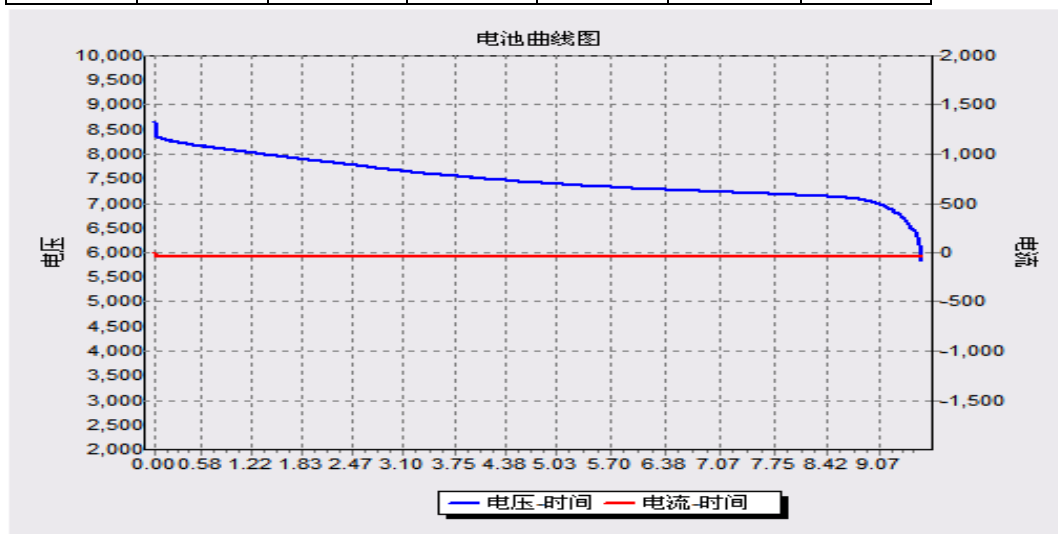
(1)Nominal capacity (average discharge capacity): discharge current 0.5C, end of voltage 6.0V, temperature 23±2°C.

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

### High Rate Discharge Curves

#### 40A Discharge

| OPV  | Cut-Off | Duration | ADV     | Current | Capacity | Power |
|------|---------|----------|---------|---------|----------|-------|
| mv   | mv      | min      | mv      | A       | AH       | WH    |
| 8645 | 5847    | 9.60     | 7494.39 | -40.13  | 6.42     | 48.11 |



The information in this document is based on documents issued in February, 2018 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.