

1. Nominal Specifications

| | Item | Specification |
|----|-----------------------------|---|
| 1 | Battery Type | Rechargeable Li-ion Polymer Battery |
| 2 | Model | SPB653496H1 |
| 3 | Nominal Capacity | 2100mAh (0.2C Discharge) |
| 4 | Nominal Voltage | 3.7V |
| 5 | Energy Density | Volume 366 Wh/L |
| | | Weight 172 Wh/kg |
| 7 | Charging Mode | CC-CV (constant voltage with limited current) |
| 8 | Charging Current | Standard : 1050mA (0.5C) Rapid : 2100mA (1.0C) |
| 9 | Charging Voltage | 4.2V |
| 10 | Max. Charge Current | 2100 mA |
| 11 | Discharge Current (Usage) | 33.6 A (16C) |
| 12 | Cell Dimension (mm) | Thickness : 6.5 mm . (fully charged cell) Width : 34 mm Height : 96 + 2.0,-0.0 mm |
| 13 | Cell Weight | 45.0g or less |
| 14 | AC Impedance (at 1kHz) | 10 mOhm or less |
| 15 | Operating Temperature | Charge : 0 to 45 C Discharge: -20 to 60 C |
| 13 | Storage Temperature | -10 ~ 40 C(Within 6 months) |
| 14 | Overcharge Test | NE, NF (2C, 6V) |
| 15 | External Short-circuit Test | NE, NF (4.2V, 100mOhm) |
| 16 | Heating Test | NE, NF (150 C, 10 min) |
| 17 | Crush | NE, NF (13kN force) |

2. Out View drawing for SPB603496H1

