

SPB636395 (Rechargeable Li-ion Polymer Battery)

Date

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To : _____

SPECIFICATION OF PRODUCT

Rechargeable Li-ion Polymer Battery
Model : SPB636395 (4500mAh)

SAEHAN-ENERTECH. INC.

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1. Nominal Specifications

| | Item | Specification |
|----|---------------------------|---|
| 1 | Battery Type | Rechargeable Li-ion Polymer Battery |
| 2 | Model | SPB636395 |
| 3 | Nominal Capacity | 4500mAh (0.2C Discharge) |
| 4 | Nominal Voltage | 3.7V |
| 5 | Energy Density | Volume 442 Wh/L |
| | | Weight 195 Wh/kg |
| 7 | Charging Mode | CC-CV (constant voltage with limited current) |
| 8 | Charging Current | Standard : 2250mA (0.5C) Rapid : 4500mA (1.0C) |
| 9 | Charging Voltage | 4.2V |
| 10 | Max. Charge Current | 4500 mA |
| 11 | Discharge Current (Usage) | 2250 mA (0.5C) |
| 12 | Cell Dimension (mm) | Thickness : 6.3 ± 0.2 mm Width : 63 ± 1.0 mm Height : 95 ± 2.0 mm |
| 13 | Cell Weight | 86.0g or Less |
| 14 | AC Impedance (at 1kHz) | 50mΩ or less |
| 15 | Operating Temperature | Charge : 0 to 45°C Discharge: -20 to 60°C |
| 16 | Storage Temperature | -10 ~ 40°C (Within 6 months) |

2. Out View drawing for SPB636395

