

1. Nominal Specifications

	Item	Specification
1	Battery Type	Rechargeable Li-ion Polymer Battery
2	Model	SPB605060HS1
3	Nominal Capacity	1450mAh (0.2C Discharge)
4	Nominal Voltage	3.7V
5	Energy Density	Volume 298 Wh/L
		Weight 135 Wh/kg
7	Charging Mode	CC-CV (constant voltage with limited current)
8	Charging Current	Standard : 725mA (0.5C) Rapid : 1450mA (1.0C)
9	Charging Voltage	4.2V
10	Max. Charge Current	1450 mA
11	Discharge Current (Usage)	33.35 A (23C)
12	Cell Dimension (mm)	Thickness : 6.0 ± 0.3 mm . (fully charged cell) Width : 50 ± 2.0 mm Height : $60 + 2.0, -0.0$ mm
13	Cell Weight	39.5 ± 0.5 g
14	AC Impedance (at 1kHz)	15m Ω or less
15	Operating Temperature	Charge : 0 to 45 $^{\circ}$ C Discharge: -20 to 60 $^{\circ}$ C
13	Storage Temperature	-10 ~ 40 $^{\circ}$ C (Within 6 months)
14	Overcharge Test	NE, NF (1C, 5V)
15	External Short-circuit Test	NE, NF (4.2V, 100m Ω)
16	Heating Test	NE, NF (150 $^{\circ}$ C, 10min)
17	Crush	NE, NF (13kN force)

