

SPECIFICATION OF PRODUCT

Rechargeable Li-ion Polymer Battery
Model : SPB546395(3550mAh)

SAEHAN-ENERTECH. INC.

710-3, Yongtan-Dong, Chung-Ju , Chung-buk , Korea
TEL: 82-43-850-1950 FAX: 82-43-850-1999
www.saehan-enertech.com

Issued	Checked	Approved

1. Nominal Specifications

	Item		Specification
1	Battery Type		Rechargeable Li-ion Polymer Battery
2	Model		SPB546395
3	Nominal Capacity		3550mAh (0.2C discharge)
4	Nominal Voltage		3.7V
5	Energy Density	Volume	406 Wh/L
		Weight	197 Wh/kg
6	Charging Mode		CC-CV (constant voltage with limited current)
7	Charging Current		Standard : 1775mA (0.5C) Rapid : 3550mA (1.0C)
8	Charging Voltage		4.2V
9	Max. Charge Current		3550 mA
10	Max. Discharge Current		7100 mA (2.0C)
11	Cell Dimension (mm)		Thickness : 5.3±0.1 mm (fully charged cell) Width : Max. 63.0 mm Height : 95.0 +1.5/-0.0 mm
12	Cell Weight		66.5g or less
13	AC Impedance (at 1kHz)		15mΩ or less
14	Operating Temperature		Charge : 0 to 45℃ Discharge: -20 to 60℃
15	Storage Temperature		-10 ~ 40℃ (Within 6 months)
16	Overcharge Test		NE, NF (1A, 5V)
17	External Short-circuit Test		NE, NF (4.2V, 100mΩ)
18	Heating Test		NE, NF (130℃, 60min)
19	Crush		NE, NF (13kN force)

2. Out View drawing for SPB546395

