



### Standart Charge

0.2C, CC-CV to 3.65V, 60mA Cut off.

### Standart Discharge

0.2C, CC to 2.0V.

### Cycle Test Condition

Charge 0.5C, CC-CV to 3.65V, 60mA Cut off , rest 30 min; Discharge 0.5C CC to 2V, rest for 20min Repeat cycling till discharge capacity in 2 successive cycles is less than 80% of the initial capacity.

### Transportation

This battery's transport must be noted that this is a lithium-Ion battery (dangerous goods class 9 / UN3480 / pacing group II. ADR / RID. IATA DGR. IMDG). During transport, do not disassemble the batteries or the box(es) to violent shaking, bumps, rain, and direct sunlight. Keep the battery(s) at a half-charged state.

### Cell Specifications

Nominal Voltage	3.2V
Capacity Typical	6000mAh
Capacity Minimum	5950mAh
Weight	≤145g
Size, Max.(LxWxH) mm	32.5mmx70.5mm

### Operating Specifications

Operating Voltage	3.6V - 2V
Charge Voltage	3.65V
Operating Temperature	0C° to 45C°
Charge	0C° to 45C°
Discharge	-20C° to 60C°
Discharge Current	0.2C (-10C° to 60C°) Standard 1C ( 0C° to 45C°) Rapid 3C Max. Discharge Current (Cut-off Discharge Voltage 2.0V) 5C Peak ( 25C±2C ) 10ms
Charge Current	0.2C (0~+45C°) Standart 1C (0~+45C°) Rapid
Cycle Life	>2000 cycles at 25 ±2C° - 0.5C/1C capacity ≥80%

### Characteristics and Safety

Internal Resistance at 1kHz AC	<13mΩ
Fully Charged short circuit at 25C°	No Fire, No explosion Surface temp: <150C°
Over Charge to 4.8V with 3C	No Fire, No explosion
Over heat to 130C°	No Fire, No explosion

### Storage Specifications

Storage Temperature RH: %0 to %70	1 year :	0C° to 35C°
	3 months :	-10C° to 35C°
	1 month :	-10C° to 45C°

### For Safety

- Do not disassemble cells.
- Do not use cell when something abnormal found such as smells, deformation, discoloration, and so on.
- Do not re-use Li-Ion cells or other parts after removing from the packs.
- When the electrolyte leakage occurs, do not touch the liquid.
- Once watered, cells may have potential malfunctions. Do not use those cells.
- Do not have cells in the hot temperature (60C° or more)
- Do not put cells into fire.
- Do not crush/nail cells.
- Do not apply solder directly to cells.