



Specifications			
Max. Charge Voltage		4.2 V	
Min. Discharge Voltage		3.0 V	
Max. Continuation Charge Current		90 mA	0.5 C
Max Continuous Discharge Current		180 mA	1 C
Standard Environment	Temperature	25 ± 5°	
	Humidity	45-75% RH	
Operating Temperature	Charging	0 ~ 45 ° C	
	Discharging	-10 ~ +60 ° C	
Charging Time	Standard Charge	6.5 H	0.2 C 36 mA
	Quick Charge	3.5 H	0.5 C 90 mA
Outgoing Voltage		3.7 – 4.2 V	

Physical Specifications	
Thickness	5.2 mm
Height	15.5 mm
Length	32.5 mm
Wire Length	30 ± 3 mm
Approx. Weight	Grams
	4.5 g

Performance Inspection and Testing		
		Requirement
Standard charge	Charging the cell initially with constant current at 0.2C and then with constant voltage at 4.2 V till charge current declines to 0.01 C	Constant current, constant voltage source
Normal Capacity	The capacity means the discharge capacity of the cell, which is measured with discharge current of 0.2C with 3.0 V cut-off voltage after standard charge.	C≥180 mAh
Cycle Life	Test condition: Charge: 0.2C to 4.2 V Discharge: 0.2C to 3.0 V 60% or mor of 1 st cycle capacity at 0.2 C discharge of Operation	≥500 ≥ 500 times
Temperature Characteristics	1. According to item Standard Charge 2. Capacity comparison at each temperature, measured with constant discharge current 0.2C with 3.0 V cut-off. Percentage as an index with the capacity compared with 100% at 25°C	-10°C: ≥60% 25°C: 100% 60°C: ≥85%

