

## TECHNICAL INFORMATIONS

Item	Specifications	Conditions
Nominal Voltage	1.2V	
Nominal Capacity	<b>3.000 mAh</b>	Standard charge and Standard discharge
Discharge Cut-off Voltage	1.0V	
Internal Impedance	≤10mΩ	Within 1 hr after standard charge
Charge	Standard	300 mA (0.1C) / Charge at 0.1C for 16 hours / 0°C to 40°C
	Rapid Charge	1.500 mA (0.5C) / ambient temperature of 20±5°C, Relative Humidity: 65±20%
	Trickle Charge	60 ~ 150 mA / (0.02C ~ 0.05C) Ta=-10 ~ 45 °C
Discharge	Standard	600 mA (0.2C) / standard charge, the final voltage is 1.0V
	Rapid Charge	1.500 mA (0.5C) / standard charge, the final voltage is 1.0V
	High rate discharge	<b>30.000 mA ( 10C )</b> Rapid discharge, the final voltage is 0.8V
Self-Discharge	≥180minutes	The charged battery is stored for 28 days at 20°C±5°C. And the discharge time is measured at standard discharge/
Discharge	≥300minutes	Standard charge 1hour rest Before Discharge by 0.2C to 1.0V/
	≥54minutes	Standard charge 1hour rest Before Discharge by 1C to 0.8V/
Internal resistance	≤30mΩ	After fully charge,rest 1 hour, measured at 1000H
Weight	55gr	Approximately
Cycles Test	<b>≥ 500 Cycles</b>	IEC61951-2:2003

## ENVIRONMENT PERFORMANCE

### Storage Temperature

Within 1 Year .....-10°C to 30°C

### Operation Temperature

Standard Charge ..... 0 ~ 40°C

Fast Charge ..... 10 ~ 40°C

Discharge .....-10 ~ 50°C

