

TECHNICAL INFORMATION

Item	Specifications	Conditions
Nominal Voltage	1.2V	
Nominal Capacity	4000 mAh	
Discharge Cut-off Voltage	1.0V	
Internal Impedance	≤30	
Charge	Standard	Charge at 0.1C for 16 hours / 0°C to 40°C
	Fast	Fast Charge at 0.2C for 5.25 hours / 10°C to 40°C
Discharge	At 0.2C to 1.0V	≥100%
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	80gr	Approximately
Cycles Test	Capacity retention	IEC61951-2:2003
	≥60% after 500cycle	Standard charge storage:12moths Standard

ENVIRONMENT PERFORMANCE

Storage Temperature

Within 1 Year-10°C to 30°C
 Within 3 Months-10°C to 40°C

Operation Temperature

Standard Charge 0 ~ 40°C
 Fast Charge 10 ~ 40°C
 Discharge-10 ~ 50°C

