

TECHNICAL INFORMATIONS

Item	Specifications	Conditions
Nominal Voltage	1.2V	
Nominal Capacity	7000 mAh	
Discharge Cut-off Voltage	1.0V	
Internal Impedance	≤30mΩ	Within 1 hr after standard charge
Standard charge	700mA (0.1C)	ambient temperature of 20±5°C, Relative Humidity: 65±20%
	16 hrs	
Standard discharge	1400mA (0.2C)	standard charge, the final voltage is 1.0V
Rapid Charge	3500mA (0.5C)	ambient temperature of 20±5°C, Relative Humidity: 65±20%
Rapid discharge	3500mA (0.5C)	standard charge, the final voltage is 1.0V
Trickle Charge	140 ~ 350 mA (0.02C ~ 0.05C)	Ta=-10 ~ 45 °C
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/
Charge-retention Rate	Charge retention rate ≥Nominal capacity 60%(4200mAh)	Storage a period of 28 days after standard charge, then Standard discharge (0.2C) to 1.0V
Weight	-	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

