

TECHNICAL INFORMATION

Item	Specifications	Conditions
Nominal Voltage	1.2V	
Nominal Capacity	1.800 mAh	Standard charge and Standard discharge
Discharge Cut-off Voltage	1.0V	
Internal Impedance	$\leq 30\text{m}\Omega$	Within 1 hr after standard charge
Charge	Standard	180 mA (0.1C) / Charge at 0.1C for 16 hours / 0°C to 40°C
	Rapid Charge	900 mA (0.5C) / ambient temperature of 20±5°C, Relative Humidity: 65±20%
	Trickle Charge	36 ~ 90 mA / (0.02C ~ 0.05C) Ta = -10 ~ 45 °C
Discharge	Standard	360 mA (0.2C) / standard charge, the final voltage is 1.0V
	Rapid Discharge	900 mA (0.5C) / standard charge, the final voltage is 1.0V
	Maximum Discharge	900 mA (0.5C) Rapid discharge, the final voltage is 0.8V
Over-charge	No leakage nor explosion capacity ≥ 100%	0.2C discharge to 1.0V, 0.1C charge for 48 hrs, then test the Capacity with Standard discharge Conditions
Over-discharge	80%. No leakage nor explosion Capacity ≥ 1600mAh	0.2C discharge to 1.2V, Combine the battery with a 3Ω electric resistance, after stored for a period of 24 hrs, then test the Capacity with Standard discharge Conditions
Charge-retention Rate	Nominal capacity 60%(1080mAh)	Storage a period of 28 days after standard charge, then Standard discharge (0.2C) to 1.0V
Weight	24gr	Approximately
Cycles Test	≥ 500 Cycles	IEC61951-2:2003

ENVIRONMENT PERFORMANCE

Storage Temperature

Within 1 Year -20°C to 25°C

Operation Temperature

Standard Charge 15°C ~ 25°C

Fast Charge 0°C ~ 40°C

Discharge 0°C ~ 40°C

