

PRODUCT FACIAL FEATURES:

General Performance:

Item	Specification	Conditions
Standard charge	50 mA (0.1C)	Ambient temperature of 20±5℃, Relative Humidity: 65±20%
	16 hrs	
Standard discharge	100 mA (0.2C)	Standard charge, the final voltage is 2.0V
Rapid Charge	250mA (0.5C)	Ambient temperature of 20±5℃, Relative Humidity: 65±20%
Maximum Discharging Current	250mA (0.5C)	Standard charge, the final voltage is 2.0V
Trickle Charge	10(0.02C)~50(0.05C)mA	Ta=10~40℃
Nominal Voltage	2.4V	
Open circuit voltage	≥2.5V	Within 1 hour after standard charge
Nominal Capacity	500 mAh	Standard charge and Standard discharge
Weight	Approx 21g	
Charge-retention Rate	Charge retention rate ≥Nominal capacity 60%(300mAh)	Storage a period of 28 days after standard charge, then Standard discharge (0.2C) to 2.0V
Cycles Test	≥ 500 Cycles	IEC61951-2:2003 (see note 2)

Environment Performance:

Storage Temperature	Within 1 year	-20~30℃
	Within 6 months	-20~40℃
	Within 1 months	-20~50℃
	Within 1 week	-20~55℃
Operation Temperature	Standard charge	0~55℃
	Fast Charge	0~55℃
	Discharge	0~55℃
Constant humidity and hot performance	No damage	Full charge the battery at current 0.1C, 33±3℃, 80±5%R.H., storage 14 days