

SPECIFICATIONS OF SINGLE CELL

Type Nickel-Metal Hydride cylindrical single cell
Model 1.2V Ni-Mh 4/5A 2000 Mah

TECHNICAL INFORMATIONS

Item	Specifications	Conditions
Standard Charge	200 mAh (0.1C)	Ambient temperature of 20±5°C, Relative Humidity: 65±20%
	16 hrs	
Standard Discharge	400 mAh (0.2C)	Standard charge, the final voltage is 1.0V
Rapid Charge	1000 mAh (0.5C)	Ambient temperature of 20±5°C, Relative Humidity: 65±20%
Rapid Discharge	1000 mAh (0.5C)	Standard charge, the final voltage is 1.0V
Trickle Charge	40 ~ 100 mA (0.02C ~ 0.05C)	Ta = -10~45 °C
Nominal Voltage	1.2 V	
Open Circuit Voltage	≥ 1.25 V	Within 1 hr after standard charge
Nominal Capacity	2000 mAh	
Minimum Capacity	≥ 2000 mAh(0.2C)	Standard charge and Standard discharge
	≥ 1800 mAh(0.5C)	Standard charge and Rapid discharge
Internal Impedance	≤ 30mΩ	Within 1 hr after standard charge
Cycles Test	≥ 500 Cycles	IEC61951-2:2003

ENVIRONMENT PERFORMANCE

Storage Temperature

Within 1 Year -20~25°C
 Within 6 Months -20~35°C
 Within 1 Month -20~45°C
 Within 1 Week -20~55°C

Operation Temperature

Standard Charge -15~25°C
 Fast Charge -0~45°C
 Discharge 0~45°C

Constant Humidity and Hot Performance

No Damage Full charge the battery at current
 0.1C, 33±3°C 80±5 % R.H.,
 storage 14 days.

