



**Type:** Rechargeable Nickel Metal Hydride Cylindrical Cell

**Nominal Dimension:** Φ=10.5mm H=43.0mm

**Applications:** Recommended discharge current 60 to 1200mA

**Nominal Voltage:** 1.2V

Capacity: (mAh)	Rate	Minimum	Typical
	0.2C	600(300min)	630(310min)
When discharged to 1.0V at 20°C	1C	540(54min)	570(57min)
	2C	480(24min)	510(25.5min)

**Charge Retention:** 65% of nominal capacity after cell storage at 20°C for 28 days.  
When discharged at 120mA to 1.0V at 20°C

**Charge Condition:** 60mA for 16hrs at 20°C

**Fast Charge:** 120mA to 600mA (0.2C to 1C)  
charge termination control recommended control parameters:  
-ΔV : 5mV  
DT/dt : 0.8°C/min(0.2C to 1C)  
TCO : 45-50°C  
Timer : 105% nominal input (for ref.only)

**Service Life:** >500 Cycles (IEC standard)

**Continuous:** 60mA maximum current for 48 hrs.

**Overcharge:** No conspicuous deformation and/or leakage

**Approx Weight:** 12.0g

**Internal Resistance:** Average 27mΩ upon fully charged  
Range 20-35mΩ at 1000Hz

**Max. Charging Voltage:** 1.52V at 120mA charging.

Ambient temperature Range:	Standard charging	0°C to 45°C
	Fast charging	10°C to 40°C
	Discharging	-20°C to 60°C
	Storage	-20°C to 30°C

