

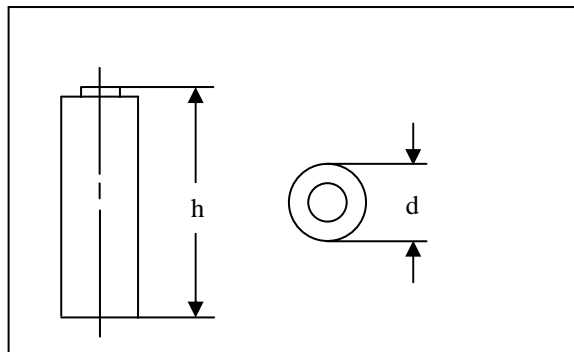
Intellect SC-4200 Cell

Data Sheet

Sealed rechargeable Ni-MH cylindrical cell

Cell Dimensions (with shrink sleeve)

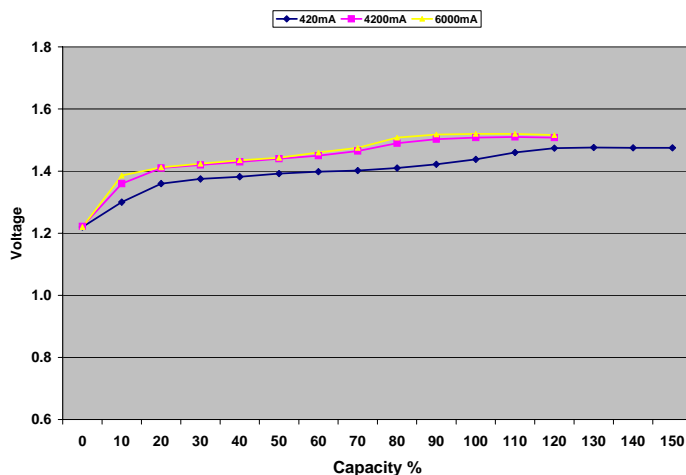
Diameter	23.0 +0 / -0.5 mm
Height	43.0 +0 / -0.5 mm
Approximate Weight	70 ± 3 g



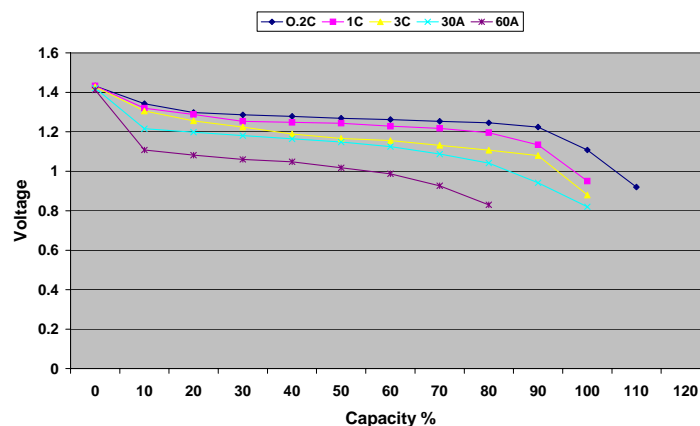
Specifications

Nominal Voltage		1.2V	
0.2C Discharge Capacity*	minimum	4200mAh	
	typical	4200mAh	
Typical Internal Impedance At 1kHz, fully charged, RT		5mΩ range: 2-5mΩ	
Charge	Standard	420mA for 14 to 16hr.	
	Fast	Up to 4200mA -delta V or dT/dt controlled**	
Life Expectancy		500 cycles (IEC standard)	
Operating Temperature	Charge	Standard	0°C to 45°C
		Fast	10°C to 45°C
	Discharge		-10°C to 50°C
	Storage	< 1 year	-20°C to 35°C
< 3 months		-20°C to 45°C	

Charging Curve (typical)



Discharging Curve



* After charging for 14 to 16hrs. with 0.1 C

** 0-5mV or 1°C per min

The information given is for reference only, and subject to change without prior notice