

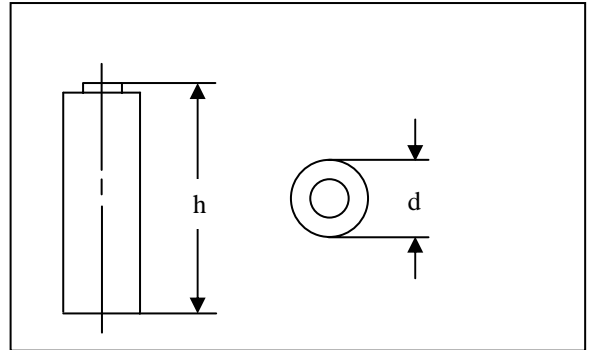
# Intellect SC-3600 Cell

Data Sheet

Sealed rechargeable Ni-MH cylindrical cell

## Cell Dimensions (with shrink sleeve)

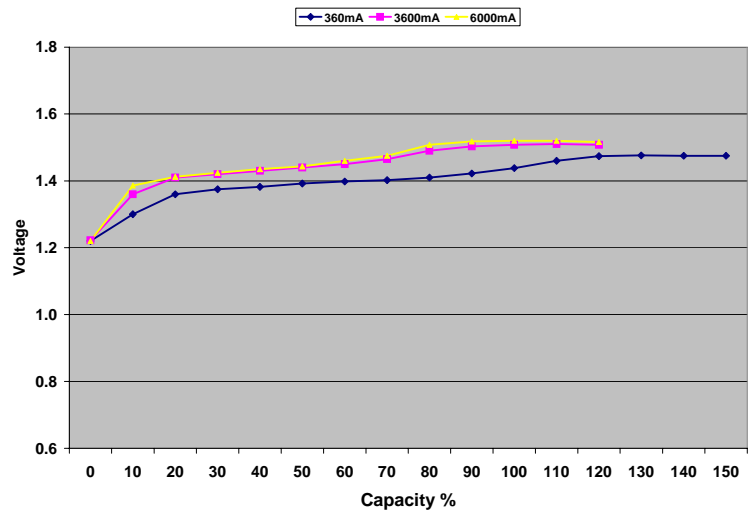
Diameter	23.0 +0/-1.0 mm
Height	43.0 +0/-0.5 mm
Approximate Weight	63 ±2 g



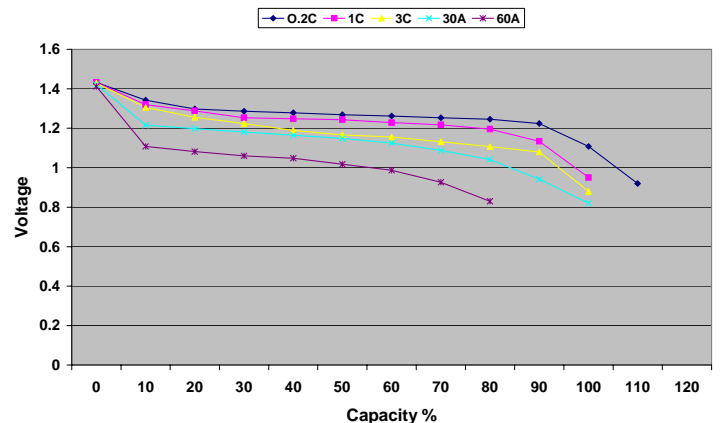
## Specifications

Nominal Voltage		1.2V	
0.2C Discharge Capacity*	minimum	3600mAh	
	typical	3700mAh	
Typical Internal Impedance At 1kHz, fully charged, RT		5mΩ range: 3-5mΩ	
Charge	Standard	360mA for 14 to 16hr.	
	Fast	Up to 3600mA -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