

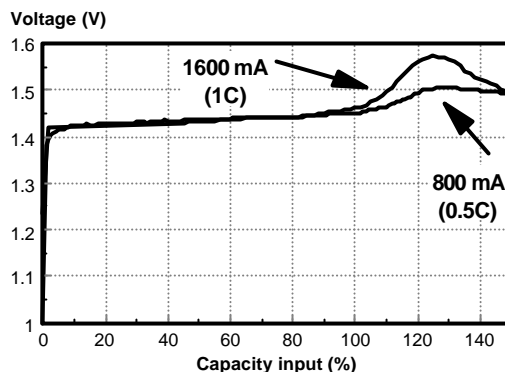
GP Batteries

Data Sheet

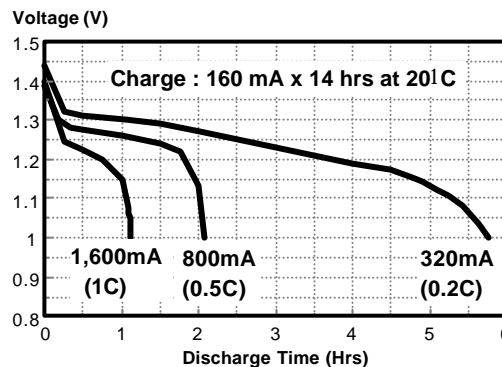
Model No.: 160SCK

Type	: Rechargeable Nickel Cadmium Cylindrical Cell	
Nominal Dimension (with Sleeve)	: $\varnothing = 23.0\text{mm}$ $H = 43.0\text{mm}$	
Application	: Discharge current 160mA to 29A (Continuous) 58A (Momentary)	
Nominal Voltage	: 1.2V	
Nominal Capacity	: Typical : 1600mAh Minimum : 1760mAh when discharged at 320mA to 1.0V at 20°C	
Charging Condition	: 160mA for 14 hrs at 20°C	
Fast Charge	: 800mA to 1600mA (0.5C to 1C) with charge termination control. Recommended control parameter : - ΔV : 10-20mV Timer : 120% nominal input	
Service Life	: > 500 cycles (IEC standard)	
Continuous Overcharge	: 160mA maximum current No conspicuous deformation and/or leakage	
Weight	: 46.0g	
Internal Resistance	: Average 8m Ω upon fully charged (Range : 7-10m Ω) at 1000Hz	
Max. Charging Voltage	: 1.5V at 160mA charging	
Ambient Temperature Range	Standard Charging	: 0°C to 40°C
	Fast Charging	: 10°C to 40°C
	Discharging	: -20°C to 50°C
	Storage	: -20°C to 35°C
	Storage (1 week)	: -20°C to 60°C

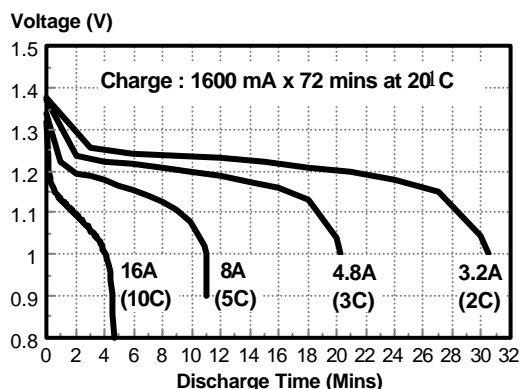
Fast Charge (Charge Control required)



Low Rate Discharge



High Rate Discharge



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