

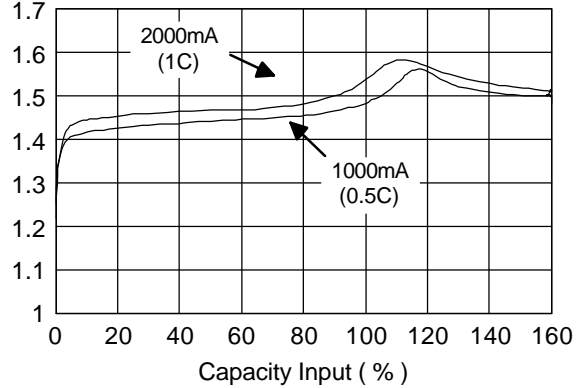
GP Batteries

Data Sheet

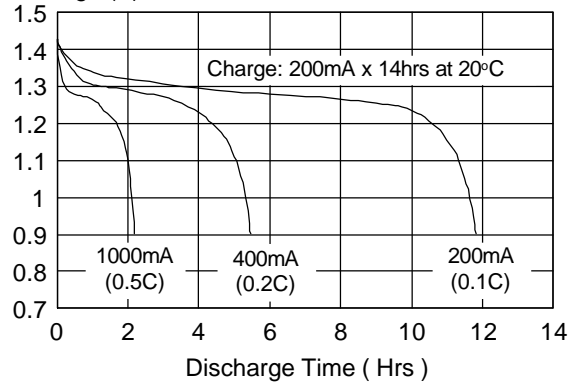
Model No.: GP200AFK

Type	Rechargeable Nickel Cadmium Cylindrical Cell	
Nominal Dimension (with Sleeve)	Φ = 17.5mm H = 67.5mm	
Applications	Recommended discharge current 200 to 6000mA	
Nominal Voltage	1.2V	
Nominal Capacity	2000mAh when discharge at 400mA to 1.0V at 20°C	
Charging Condition	200mA for 14 hrs at 20°C	
Fast Charge	1000mA to 2000mA (0.5 to 1C) with charge termination control Recommended control parameters: -ΔV : 10 - 20mV Timer : 120% nominal input	
Service Life	>500 cycles (IEC standard)	
Continuous Overcharge	200mA maximum current for 1 year No conspicuous deformation and/or leakage	
Weight	46.3g	
Internal Resistance	Average 20mΩ upon fully charged (Range 15-25mΩ) at 1000Hz	
Max. Charging Voltage	1.5V at 200mA charging	
Ambient Temperature Range	Standard Charging	0 to 45°C
	Fast Charging	10 to 45°C
	Discharging	-20 to 50°C
	Storage	-20 to 35°C
	Storage (1 week)	-20 to 60°C

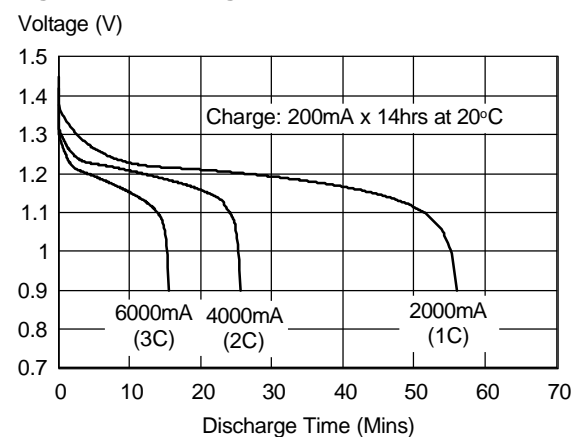
Fast Charge (Charge control Voltage (V))



Low Rate Discharge Voltage (V)



High Rate Discharge Voltage (V)



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