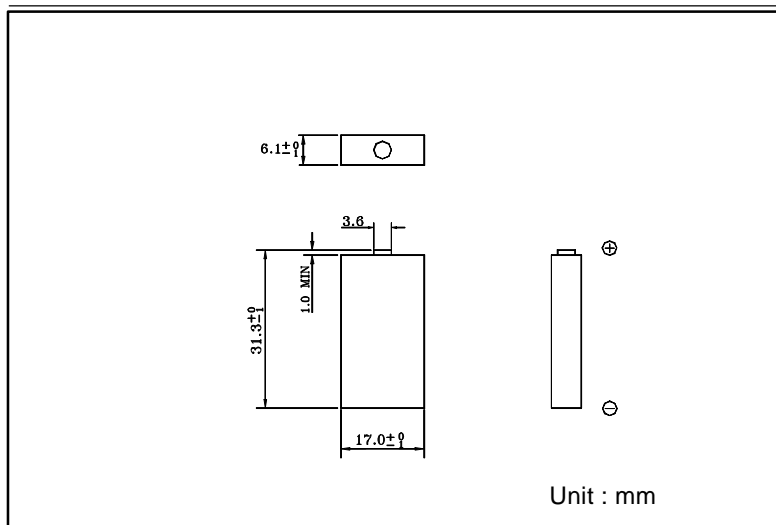


GP Batteries

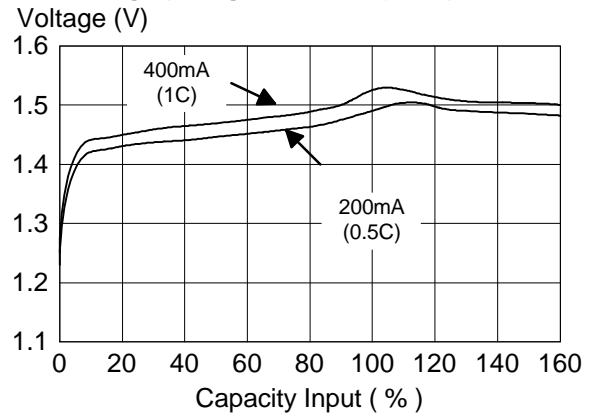
Data Sheet

Model No.: GP4M

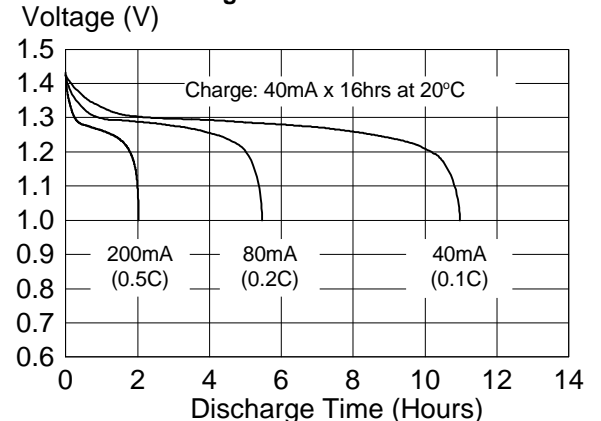
Type	: Rechargeable Nickel Metal Hydride Prismatic Cell	
Nominal Dimension (with Sleeve)	: T = 6.1 mm , W = 17.0 mm	L = 31.3 mm
Applications	: Recommended discharge current 40 to 1200mA	
Nominal Voltage	: 1.2V	
Capacity	: Minimum:400mAh Typical: 440mAh when discharge at 0.2C to 1.0V at 20°C	
Charging Condition	: 40mA for 16hrs at 20°C	
Fast Charge	: 200mA to 400mA (0.5 to 1C) charge termination control recommended control parameters: -ΔV : 0 - 5mV DT/dt : 0.8°C/min (0.5 to 0.9C) : 0.8 - 1°C/min (1C) TCO : 45 - 50°C Timer : 110% nominal input	
Service Life	: >500 cycles (IEC standard)	
Continuous Overcharge	: 40mA maximum current for 7 days No conspicuous deformation and/or leakage	
Weight	: About 10 g	
Internal Resistance	: About 35mΩ upon fully discharged at 1000Hz	
Max. Charging Voltage	: 1.5V at 40mA 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



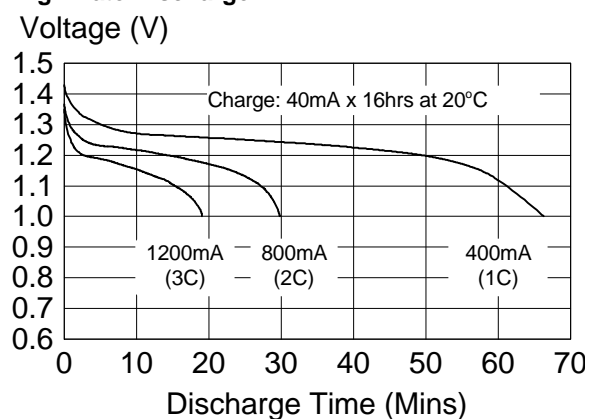
Fast Charge (Charge control required)



Low Rate Discharge



High Rate Discharge



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