



EN: This Datasheet/Document is presented by the manufacturer.

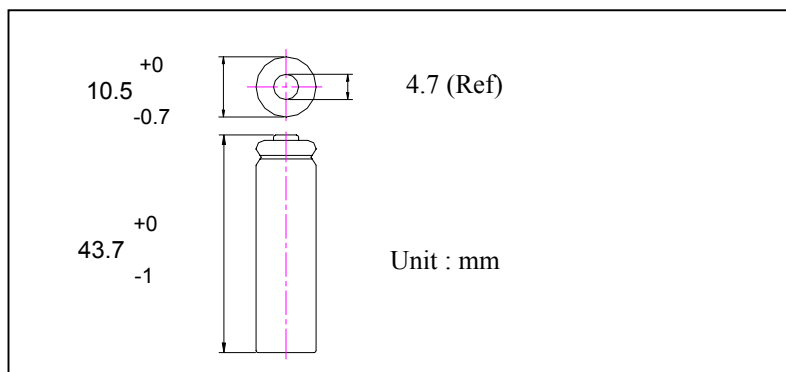
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GP Batteries

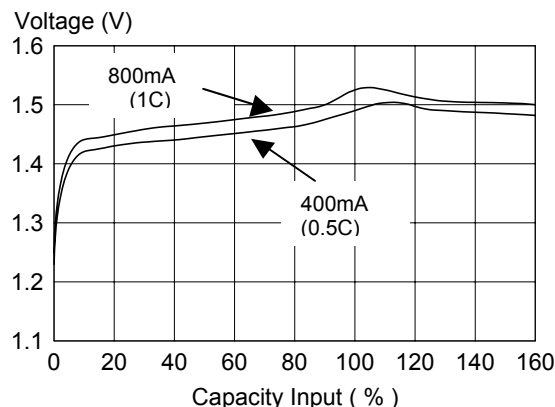
Data Sheet

Model No.: GP80AAAH

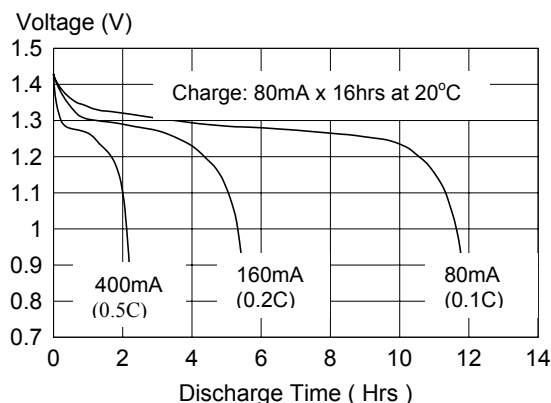
Type	Rechargeable Nickel Metal Hydride Cylindrical Cell		
Nominal Dimension (with Sleeve)	$\Phi = 10.5$ mm H = 43.7 mm		
Applications	Recommended discharge current 80 to 2400 mA		
Nominal Voltage	1.2V		
Capacity	Minimum: 780mAh Typical: 800mAh when discharged at 0.2C to 1.0V at 20°C		
Charging Condition	80 mA for 16 hrs at 20°C		
Fast Charge	400 mA to 800 mA (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 **: 105% nominal input ** For reference only		
Service Life	>500 cycles (IEC standard)		
Continuous Overcharge	80 mA maximum current for 1 year No conspicuous deformation and/or leakage		
Weight	14.0 g		
Internal Resistance	Average 40 m Ω upon fully charged (Range 20 – 60 m Ω) at 1000HZ		
Max. Charging Voltage	1.5V at 80 mA 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



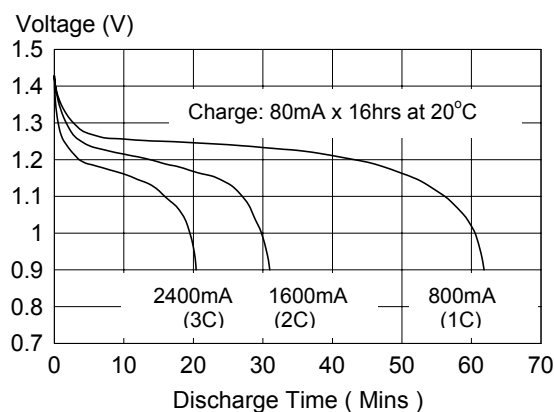
Fast Charge (charge control required)



Low rate discharge



High Rate Discharge



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