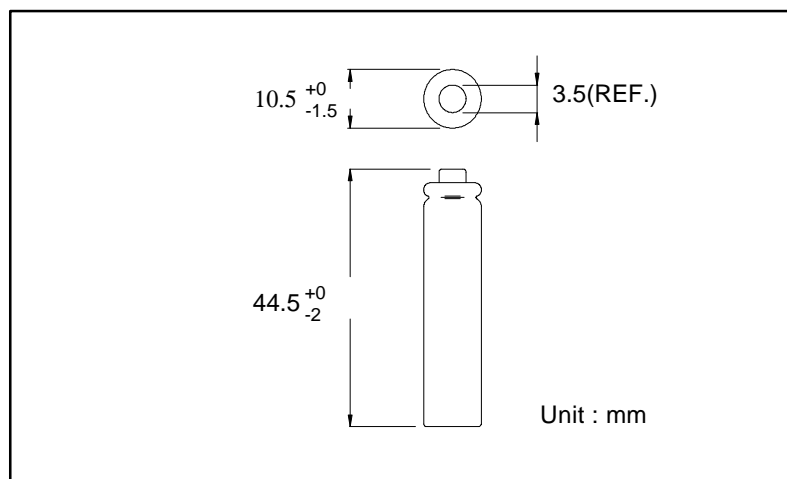


# GP Batteries

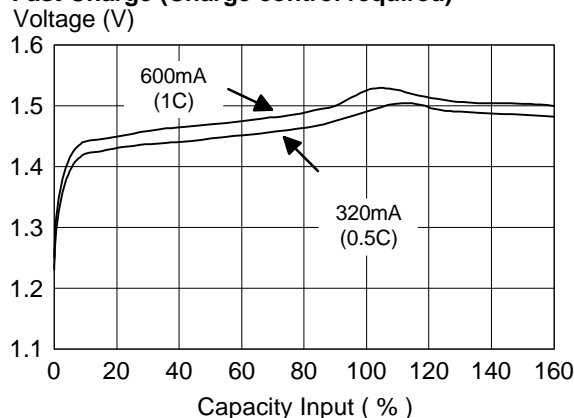
## Data Sheet

Model No.: GP60AAAHC

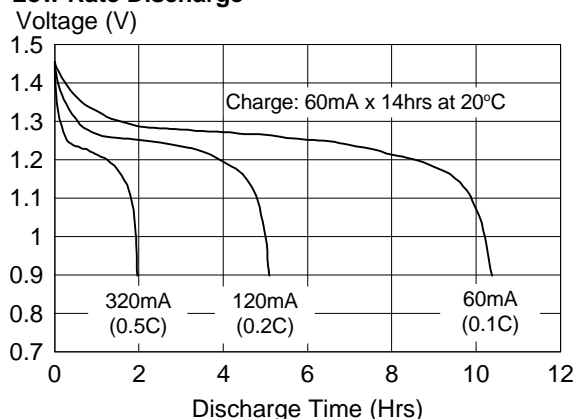
Type	Rechargeable Nickel Metal Hydride Cylindrical Cell		
Nominal Dimension (with Sleeve)	$\Phi = 10.5\text{mm}$ $H = 44.5\text{mm}$		
Applications	Recommended discharge current 60 to 1800mA		
Nominal Voltage	1.2V		
Capacity	Minimum: 580mAh Typical: 600mAh when discharged at 120mA to 1.0V at 20°C		
Charging Condition	60mA for 14hrs at 20°C		
Fast Charge	320mA to 600mA (0.5 to 1C) charge termination control recommended control parameters: - $\Delta V$ : 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		
Service Life	>500 cycles (IEC standard) Up to 1000 cycles (not less than 60% of nominal at 0.1C charge / 0.2C discharge)		
Continuous Overcharge	60mA maximum current for 1 year No conspicuous deformation and/or leakage		
Weight	13.0g		
Internal Resistance	Average 30m $\Omega$ upon fully charged (Range 25 - 35m $\Omega$ ) at 1000Hz		
Max. Charging Voltage	1.5V at 60mA 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	



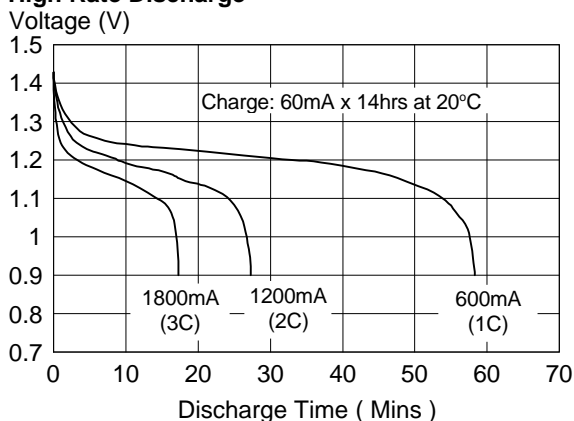
### Fast Charge (Charge control required)



### Low Rate Discharge



### High Rate Discharge



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