

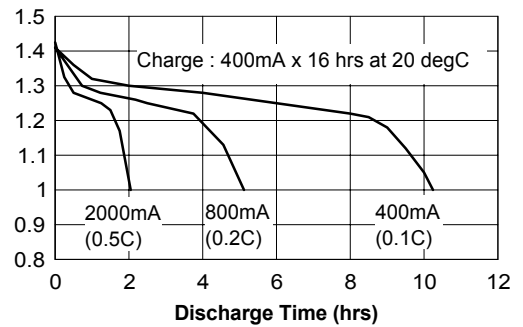
GP Batteries

Data Sheet

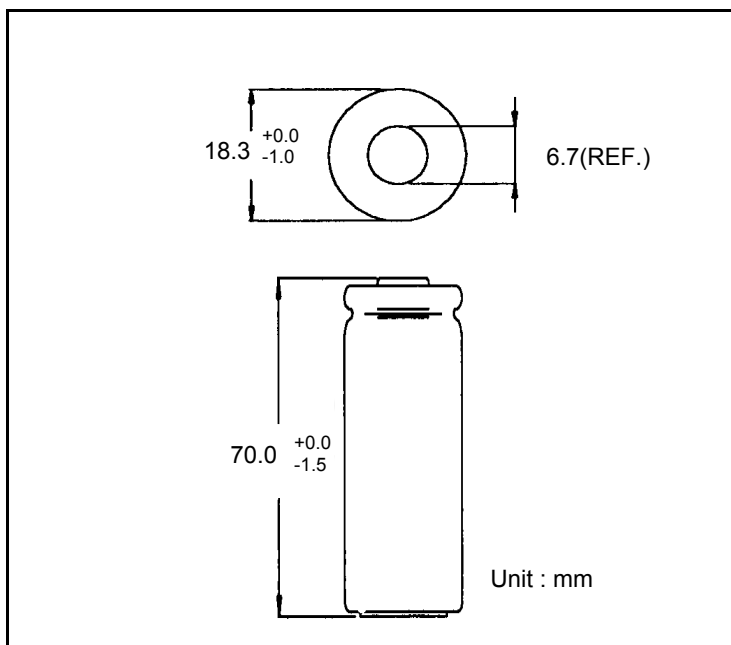
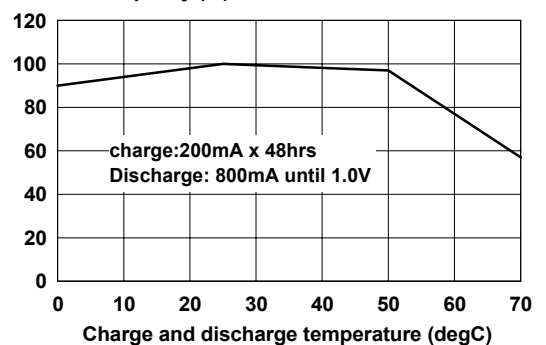
Model No.: GP400LAHT

Type	High Temperature Rechargeable Nickel Metal Hydride Cylindrical Cell		
Nominal Dimension (with Sleeve)	$\Phi = 18.3\text{mm}$ $H = 70.0\text{ mm}$		
Applications	Recommended discharge current 400 to 2000mA		
Nominal Voltage	1.2V		
Nominal Capacity	Minimum : 4000 mAh Typical : 4200mAh when discharge at 800mA to 1.0V at 20°C		
Charging Condition	400mA for 16 hrs at 20°C		
Service Life	>350 cycles (IEC 61951-1)		
Continuous Overcharge	Comply with IEC61951-1 Permanent Charge Endurance Test		
Weight	70.0g		
Internal Resistance	Average 22m Ω upon fully charged (Range 19-25m Ω) at 1000Hz		
Max. Charging Voltage	1.5V at 400mA charging		
Ambient Temperature Range	Charging	:	0 to 70°C
	Discharging	:	-20 to 70°C
	Storage	:	-20 to 35°C
	Storage (1 week)	:	-20 to 60 °C

Discharge curve
Voltage (V)



Charge / discharge efficiency vs. temperature
Available Capacity (%)



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