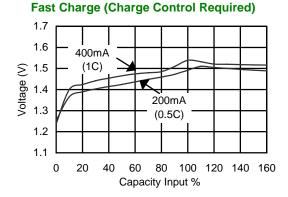
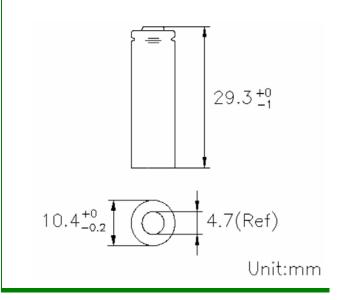


# **DATA SHEET**

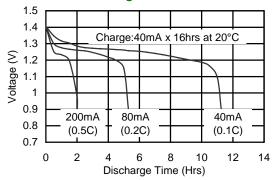
Туре	: Rechargeable Nickel Metal
1,400	Hydride Cylindrical Cell
Nominal Dimension	: Φ = 10.4mm
(with Sleeve)	H = 29.3mm
Applications	: Recommended discharge current
Applications	40 to 1200mA
Nominal Voltage	: 1.2V
Capacity	: Rated: 400mAh
, and a second	Typical: 420mAh
	When discharged at 80mA to
	1.0V at 20℃
Charging Condition	: 40mA for 16 hrs at 20°C
Charging Retention	: 80% of rated capacity after cell storage at 20
gg	°C for 12 months
	When discharged at 80mA to 1.0V at 20°C
Fast Charge	: 200mA to 400mA (0.5 to 1C)
l ast Gharge	charge termination control recommended
	control parameters:
	-AV : 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 ref. only)
Service Life	: > 500 cycles (IEC standard)
Continuous	: 40mA maximum current for 1 year.
Overcharge	No conspicuous deformation and/or
Overcharge	leakage
Weight	: 8.0g
Internal Resistance	: Average 65mΩ upon fully charged
	(Max. $80m\Omega$ ) at $1000Hz$
Max. Charging Voltage	: 1.5V at 40mA charging
Ambient Temperature	: Standard Charge : 0 to 45°C
Range	Fast Charging : 10 to 45°C
	Discharge : -20 to 50°C
	Storage : -20 to 35°C



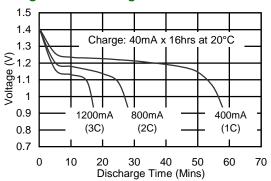
## Model No.: GP40AAAM



### Low Rate Discharge



## **High Rate Discharge**



The information (subject to change without prior notice) contained in this document is for reference only and should not be used as a basis for product guarantee or warranty. For applications other than those described here, please consult your nearest GP Sales and Marketing Office or Distributors.

www.gpbatteries.com

TRS0219 rev.07