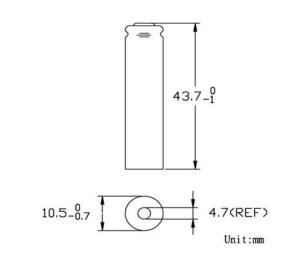


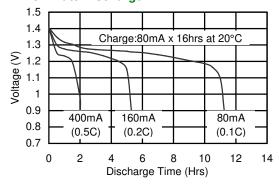
# DATA SHEET

Туре	Rechargeable Nickel Metal
	Hydride Cylindrical Cell
Nominal Dimension	$\Phi$ = 10.5mm
(with Sleeve)	H = 43.7mm
Applications	Recommended discharge current
	80 to 800mA
Nominal Voltage	1.2V
Capacity	Rated: 800mAh
	Typical: 830mAh
	When discharged at 160mA to
	1.0V at 20℃
Charging Condition	80mA for 16 hrs at 20°C
Charging Retention	80% of rated capacity after cell storage
	at 20°C for 12 months
	When discharged at 160mA to 1.0V at
	20℃
Fast Charge	400mA (0.5C)
	charge termination control
	recommended control parameters:
	-∆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
	(for ref. only)
	> 500 cycles (IEC standard)
Continuous	80mA maximum current for 1 year.
Overcharge	No conspicuous deformation and/or
147. * . 1. 1	leakage
	13.0g
Internal Resistance	Average $40m\Omega$ upon fully charged
	(Max. 60mΩ) at 1000Hz
	1.5V at 80mA 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

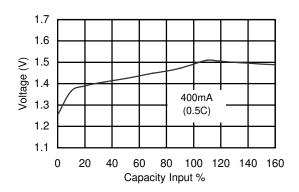
# Model No.: GP80AAAH



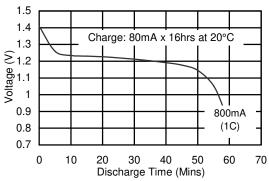
#### **Low Rate Discharge**



## **Fast Charge (Charge Control Required)**



### **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

TRS0315 rev.04

