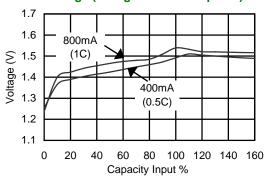


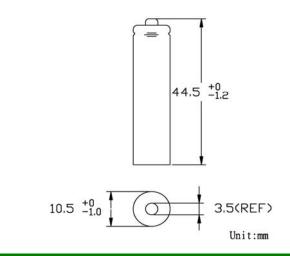
# **DATA SHEET**

Туре	: Rechargeable Nickel Metal
	Hydride Cylindrical Cell
	$\Phi = 10.5$ mm
(with Sleeve)	H = 44.5mm
Applications	: Recommended discharge current
	80 to 2400mA
Nominal Voltage	: 1.2V
Capacity	: Nominal: 800mAh
	Minimum: 800mAh
	Typical: 820mAh
	When discharged at 160mA to
	1.0V at 20°C
	80mA for 16 hrs at 20°C
Charging Retention	: 80% of nominal capacity after cell storage at
	20°C for 24months
	When discharged at 160mA to 1.0V at 20°C
Fast Charge	: 400mA to 800mA (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
	(for ref. only)
	>1000 cycles (IEC standard)
Continuous	80mA maximum current for 1 year.
Overcharge	No conspicuous deformation and/or
	leakage
	: 14.0g
Internal Resistance	Average 40mΩ upon fully charged
	(Max. 60mΩ) at 1000Hz
Max. Charging Voltage	: 1.5V at 80mA charging
Ambient Temperature	: Standard Charge : 0 to 45℃
Range	Fast Charging : 10 to 45℃
	Discharge : -20 to 50°C
	Storage : -20 to 35°C

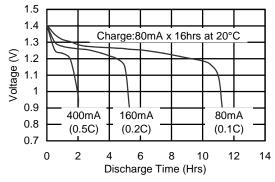
#### Fast Charge (Charge Control Required)



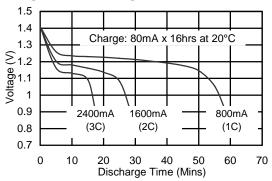
## Model No.: GP85AAAHCB



### **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.

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