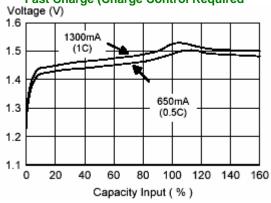


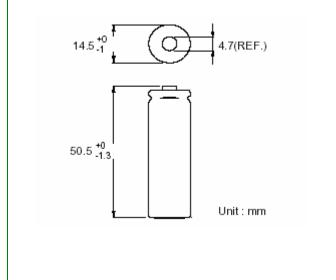
# **DATA SHEET**

Type :	Rechargeable Nickel Metal
	Hydride Cylindrical Cell
	$\Phi$ = 14.5mm
(with Sleeve)	H = 50.5mm
Applications :	Recommended discharge current
	130 to 3900 mA
Nominal Voltage :	1.2V
Capacity :	Rated: 1300mAh
	Typical: 1350mAh
	When discharged at 260mA to
	1.0V at 20℃
Charging Condition :	130mA for 16 hrs at 20°C
Charging Retention	80% of nominal capacity after cell
	storage at 20°C for 12 months
	When discharged at 260mA to
	1.0V at 20℃
Fast Charge :	650mA to 1300mA (0.5 to 1C)
_	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)
Service Life :	>500 cycles (IEC standard)
Continuous :	130mA maximum current for 1 year.
Overcharge	No conspicuous deformation and/or
	leakage
Weight :	25.0g
Internal Resistance :	Average 25mΩ upon fully charged
	(Max. 35mΩ) at 1000Hz
Max. Charging Voltage :	1.5V at 130mA charging
Ambient Temperature :	Standard Charge : 0 to 45°C
Range	Fast Charging : 10 to 45℃
	Discharge : -20 to 50°C
	Storage : -20 to 35℃
	Olorage20 to 33 (

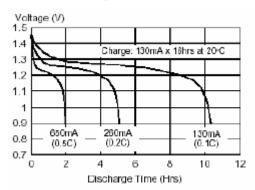
#### **Fast Charge (Charge Control Required**



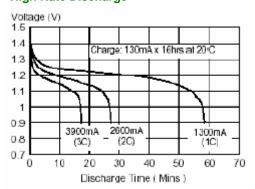
# Model No.: GP130AAHC



#### **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

MRS6154 rev.03

