## **GP** Batteries

### **DATA SHEET**

6.5 (Ref.)

unit: mm

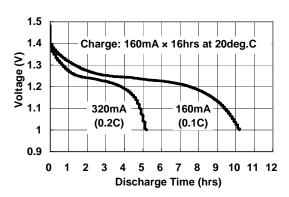
Туре	High Temperature Rechargeable Nickel	
,,,,,	Metal Hydride Cylindrical Cell	
IEC Designation	T	
	Φ = 17.0mm	
(with Sleeve)	H = 43.0mm	
•	Long term standby use. Recommended	
Аррисацон	discharge current: 160mA to 800mA	
Naminal Valtage	1.2V	
- remine remage		
Capacity	Rated: 1600mAh	
	Typical: 1680mAh	
Ob a market at O and 1991 and	When discharged at 320mA to 1.0V at 20℃	
Charging Condition	Standard mode:	
	160mA for 16 hrs at 20°C	
	Standby intermittent mode:	
	160mA for 16 hrs at 20°C then maintenance	
Charging Retention	with 160mA for 1min/10mins. 80% of rated capacity after cell	
Charging Retention	storage at 20°C for 12 months	
	When discharged at 320mA to	
	1.0V at 20°C	
Service Life	>500 cycles (IEC standard)	
Continuous	Comply with IEC standard	
Overcharge	Permanent Charge Endurance Test	
Weight	: 33.0g	
Internal Resistance	Average 23 m $\Omega$ upon fully charged	
	(Max. 30mΩ)at 1000Hz	
Max. Charging Voltage	1.6V at 160mA charging	
Ambient Temperature	: *Charge:	0 to 70℃
Range	*Discharging:	-20 to 70℃
	Storage:	-20 to 35℃
	Storage (1 week):	-20 to 60°C

# 43.0 +0

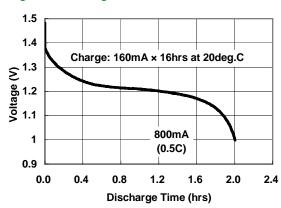
Model No.: GP160AFHT

Low Rate Discharge

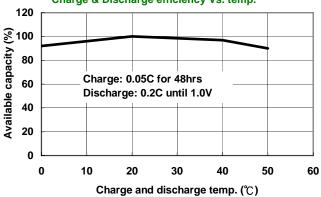
**17.0** <sup>+0</sup>-0.7



#### **High Rate Discharge**



### \* Charge/discharge temperature range: 55~70°C shorter than 1 month Charge & Discharge efficiency Vs. temp.



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MRS6080 rev03

