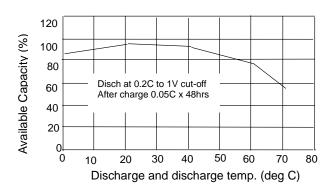
# **GP** Batteries

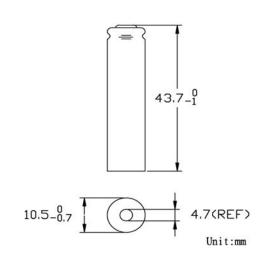
# DATA SHEET

| Туре                | : High Temperature Rechargeable<br>Nickel Metal Hydride Cylindrical Cell |
|---------------------|--|
| Nominal Dimension   | : Φ = 10.5 mm  |
| (with Sleeve)       | H = 43.7  mm   |
| Applications        | : Recommended discharge current  |
|                     | 60 to 600 mA   |
| Nominal Voltage     | : 1.2V   |
| Capacity            | : Nominal: 600 mAh   |
|                     | Minimum: 600 mAh   |
|                     | Typical: 630 mAh   |
|                     | When discharged at 120 mA to   |
|                     | 1.0V at 20℃  |
| Charging Condition  | : 60 mA for 16 hrs at 20℃  |
|                     |  |
| Service Life        | : >500 cycles (IEC 61951-2)  |
| Continuous          | : Comply with IEC 61951-2  |
| Overcharge          | Permanent Charge Endurance Test  |
| Weight              | : 14.0g  |
| Internal Resistance | : Average 40m $\Omega$ upon fully charged                                |
|                     | (Range 30 – 50 m $\Omega$ ) at 1000Hz                                    |
| Max. Charging       | : 1.5V at 60 mA charging   |
| Voltage             |  |
| Ambient Temperature | : Standard Charge : 0 to 70 $^{\circ}$ C                                 |
| Range               | Fast Charging : 0 to $70^{\circ}$ C                                      |
|                     | Discharge : -20 to 70℃   |
|                     | Storage : -20 to 35°C  |
|                     | Storage (1week ) : -20 to 60°C   |
|                     | $\mathcal{L}$  |

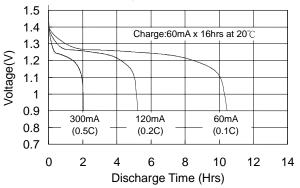
# Charge/discharge efficiency vs temp



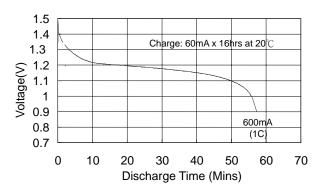
# Model No.: GP60AAAHT



### 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

TRS0255 rev.06

