

# GP Batteries

## Data Sheet

Model No.: GP125AAMT

Type : High Temperature Rechargeable Nickel Metal Hydride Cylindrical Cell

Nominal Dimension (with Sleeve) :  $\Phi = 14.4\text{mm}$   
H = 48.2 mm

Applications : Recommended discharge current  
125mA to 1250mA

Nominal Voltage : 1.2V

Nominal Capacity : Minimum : 1250 mAh  
Typical : 1280mAh when discharge at 250mA  
to 1.0V at 20°C

Charging Condition : 125mA for 16 hrs at 20°C

Service Life : >350 cycles (IEC 61951-1)

Continuous Overcharge : Comply with IEC61951-1  
Permanent Charge Endurance Test

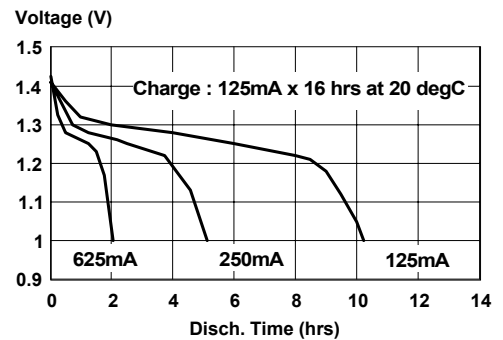
Weight : 26.0g

Internal Resistance : Average 23m $\Omega$  upon fully charged  
(Range 18-28m $\Omega$ ) at 1000Hz

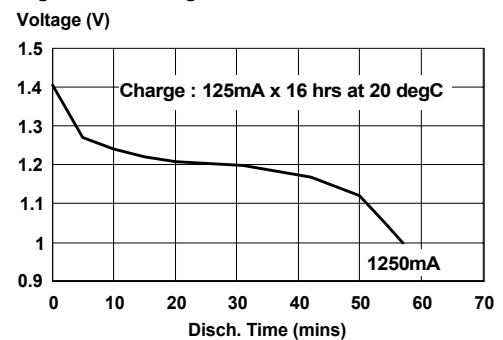
Max. Charging Voltage : 1.5V at 125mA charging

Ambient Temperature Range : Charging : 0 to 70°C  
Discharging : -20 to 70°C  
Storage : -20 to 35°C  
Storage (1 week) : -20 to 60 °C

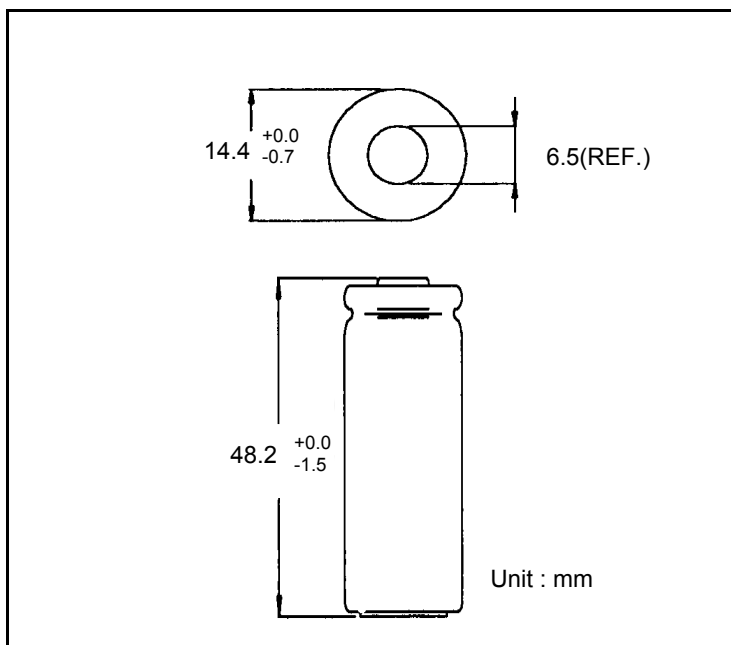
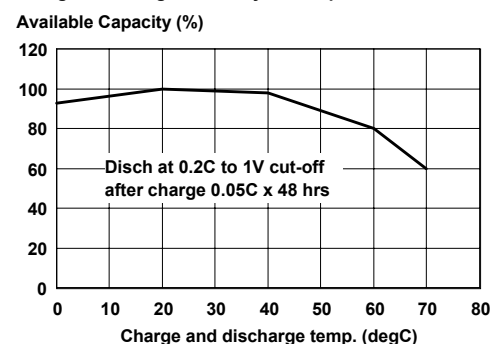
Low Rate Discharge



High Rate Discharge



Charge / discharge efficiency vs. temp.



\* 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.