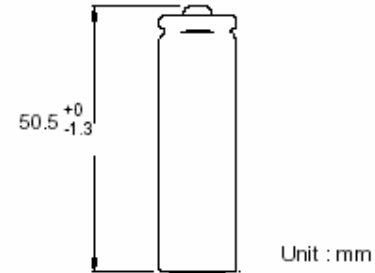
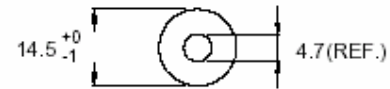
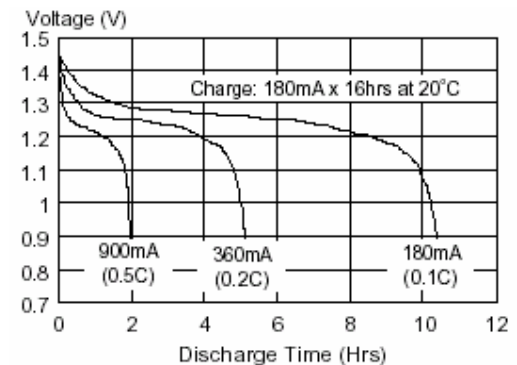


Model No.: GP180AAHC

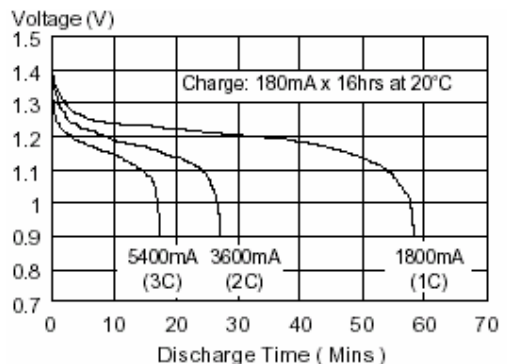
Type	: Rechargeable Nickel Metal Hydride Cylindrical Cell
Nominal Dimension (with Sleeve)	: $\Phi = 14.5\text{mm}$ H = 50.5mm
Applications	: Recommended discharge current 180 to 5400mA
Nominal Voltage	: 1.2V
Capacity	: Nominal: 1800mAh Minimum: 1800mAh Typical: 1850mAh When discharged at 360mA to 1.0V at 20°C
Charging Condition	: 180mA for 16 hrs at 20°C
Charging Retention	: 80% of nominal capacity after cell storage at 20°C for 12 months When discharged at 360mA to 1.0V at 20°C
Fast Charge	: 900mA to 1800mA (0.5 to 1C) charge termination control recommended control parameters: - ΔV : 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 Overcharge	: 180mA maximum current for 1 year. No conspicuous deformation and/or leakage
Weight	: 28.0g
Internal Resistance	: Average 25m Ω upon fully charged (Max. 35m Ω) at 1000Hz
Max. Charging Voltage	: 1.5V at 180mA charging
Ambient Temperature Range	: Standard Charge : 0 to 45°C Fast Charging : 10 to 45°C Discharge : -20 to 50°C Storage : -20 to 35°C



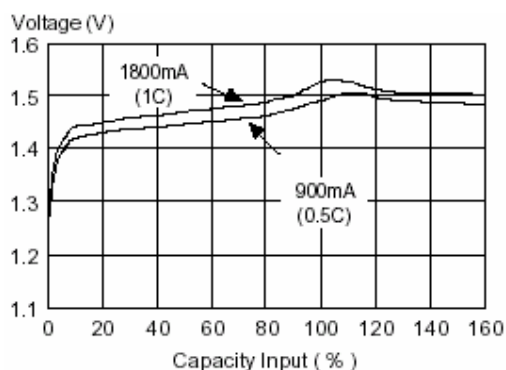
Low Rate Discharge



High Rate Discharge



Fast Charge (Charge Control Required)

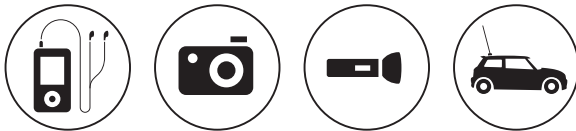


The information (subject to change without prior notice) contained in this document is for reference only and should not be used as a basis for product guarantee or warranty. For applications other than those described here, please consult your nearest GP Sales and Marketing Office or Distributors.

BENEFITS:

- Ready to use once charged
- Stay charged longer when not in use
- Can be charged in most rechargeable chargers
- Cost saving & environmentally friendly

APPLICATIONS BEST FOR:



OTHER DETAILS:

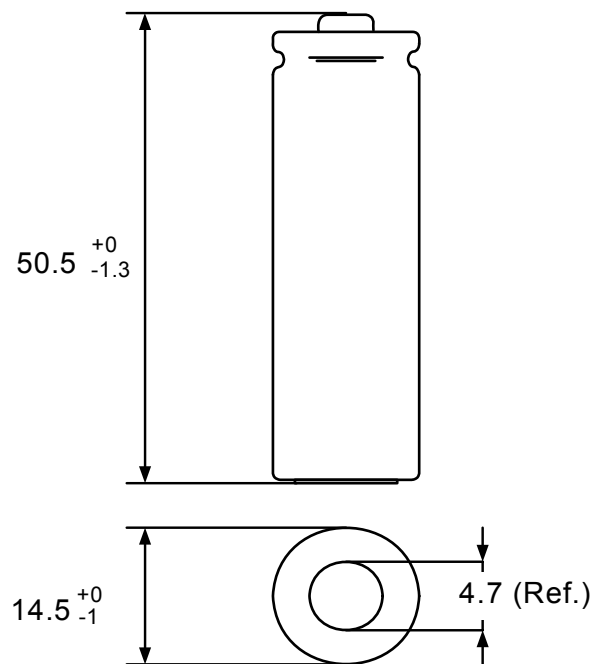
- Nickel Metal Hydride chemistry
- Nominal voltage 1.2V
- Gross weight ~28g

BATTERY HANDLING

- Batteries should be charged prior to use.
- Remove batteries from the electrical device if the device is not going to be used for a long period of time.
- Do not mix new batteries in use with semi-used batteries.
- In order to maintain satisfactory cell / battery performance when being stored under extending period of time, fully charge the cell / battery within 12 months period is highly recommended.



- **GP 1800 series**
Rechargeable battery
- **AA size**
- **Minimum capacity 1800mAh**



Unit : mm