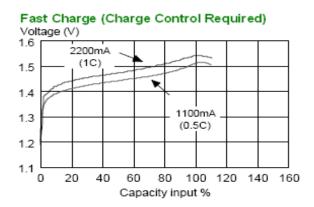
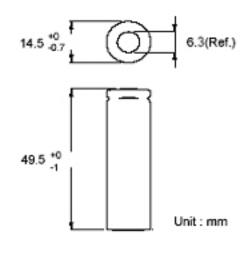
GP Batteries

DATA SHEET

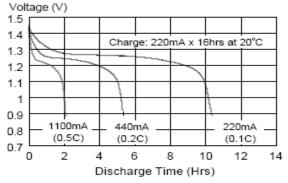
| Туре | Rechargeable Nickel Metal |
|--------------------------|---|
| | Hydride Cylindrical Cell |
| Nominal Dimension | : Φ = 14.5mm |
| (with Sleeve) | H = 49.5mm |
| Applications | Recommended discharge current 220 to 6600mA |
| Nominal Voltage | : 1.2V |
| Capacity | Rated: 2200mAh |
| | Typical: 2250mAh |
| | When discharged at 440mA to |
| | 1.0V at 20℃ |
| Charging Retention | 80% of nominal capacity after cell |
| | storage at 20°C for 12 months |
| | When discharged at 440mA to 1.0V |
| | at 20℃ |
| | : 220mA for 16 hrs at 20℃ |
| Fast Charge | : 1100mA to 2200mA (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℃/min (1C) |
| | TCO : 45 - 50℃ |
| | Timer : 105% nominal input |
| | (for ref. only) |
| Service Life | : >500 cycles (IEC standard) |
| Continuous | 220mA maximum current for 1 year. |
| Overcharge | No conspicuous deformation and/or |
| | leakage |
| | : 30.5g |
| Internal Resistance | : Average 22m Ω upon fully charged |
| | (Max.28mΩ) at 1000Hz |
| Max. Charging Voltage | : 1.5V at 220mA charging |
| Ambient Temperature | Standard Charge : 0 to 45°C |
| Range | Fast Charging : 10 to 45℃ |
| - | Discharge : -20 to 50℃ |
| | Storage : -20 to 35°C |
| | 10101aye20 10 33 C |

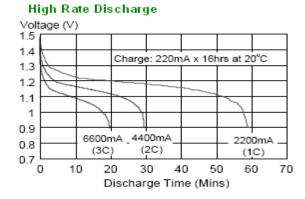


Model No.: GP220AAH



Low 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



