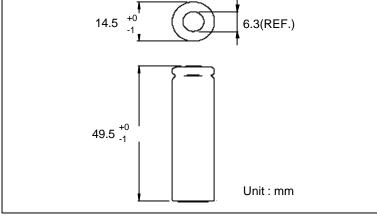
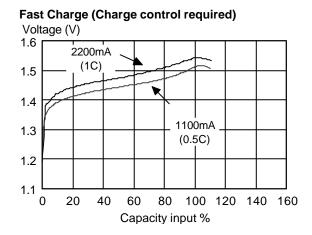
GP Batteries

Data Sheet

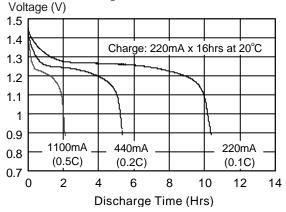
: Rechargeable Nickel Metal Hydride Type Cylindrical Cell Nominal Dimension $\Phi = 14.5 mm$ · (with Sleeve) H =49.5mm Applications • Recommended discharge current 220 to 6600mA Nominal Voltage : 1.2V • Nominal: 2200mAh Capacity Minimum: 2200mAh Typical: 2250mAh when discharged at 440mA to 1.0V at 20°C **Charging Condition** 220mA for 16 hrs at 20°C : Fast Charge : 1100mA to 2200mA (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 cvcles (IEC standard) : Up to 1000 cycles (not less than 60% of nominal at 0.1C charge / 0.2C discharge) Continuous 220mA maximum current for 1 year ÷ Overcharge No conspicuous deformation and/or leakage Weight : 30.5a Internal Resistance Average $22m\Omega$ upon fully charged (Range 16-28mΩ) at 1000Hz Max. Charging Voltage : 1.5V at 220mA charging 0 to 45°C Ambient Temperature : Standard Charging Range Fast Charging 10 to 45°C Discharging -20 to 50°C Storage -20 to 35°C



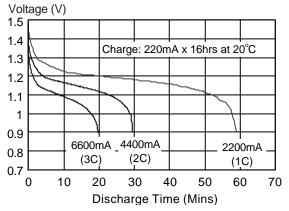
Model No.: GP220AAH



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.

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