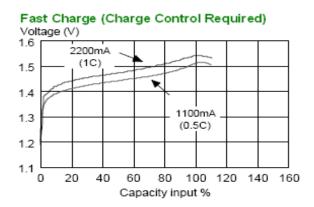
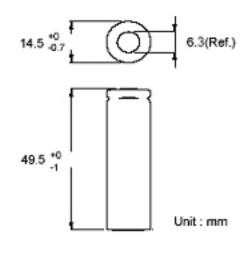
GP Batteries

DATA SHEET

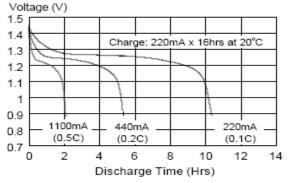
Туре	Rechargeable Nickel Metal
	Hydride Cylindrical Cell
Nominal Dimension	: Φ = 14.5mm
(with Sleeve)	H = 49.5mm
Applications	Recommended discharge current 220 to 6600mA
Nominal Voltage	: 1.2V
Capacity	Rated: 2200mAh
	Typical: 2250mAh
	When discharged at 440mA to
	1.0V at 20℃
Charging Retention	80% of 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

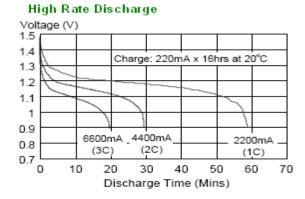


Model No.: GP220AAH



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



