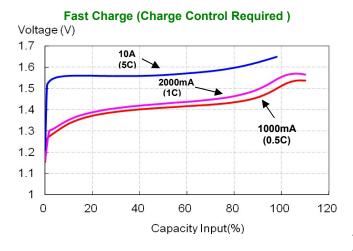
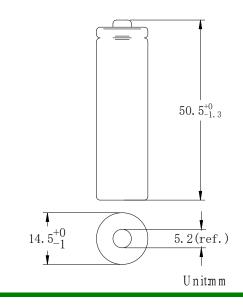
GP Batteries

DATA SHEET

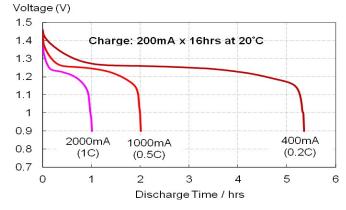
Туре	:	Rechargeable Nickel Metal
		Hydride Cylindrical Cell
Nominal Dimension	:	Φ = 14.5mm
(with Sleeve)		H = 50.5mm
Applications	:	Recommended discharge current
		200 to 6000mA
Nominal Voltage		1.2V
Capacity	:	Rated:: 2000mAh
		Typical: 2100mAh
		When discharged at 400mA to
		1.0V at 20℃
Charging Retention	:	80% of nominal capacity after cell
		storage at 20℃ for 12 months
		When discharged at 400mA to 1.0V
		at 20℃
Charging Condition	:	200mA for 16 hrs at 20℃
Fast Charge	:	1000mA to 10000mA (0.5 to 5C)
		charge termination control
		recommended control parameters:
		-∆V : 0-5mV
		DT/dt : 0.8℃/min (0.5 to 0.9C)
		0.8 - 1℃/min (1C)
		TCO : 45 - 55°C
		Timer : 105% nominal input
		(for ref. only)
Service Life	:	>500 cycles (IEC standard)
		not less than 60% of nominal at 0.1C
		charge /0.2C discharge
Continuous	:	200mA maximum current for 1 year.
Overcharge		No conspicuous deformation and/or
_		leakage
Weight	:	27.0g
Internal Resistance	:	Average $12m\Omega$ upon fully charged
		(Max. 18mΩ) at 1000Hz
Max. Charging Voltage		
Ambient Temperature	:	Standard Charge : 0 to 45° C
Range		Fast Charging : 10 to 45℃
		Discharge : -20 to 50 ℃
		Storage : -20 to 35°C



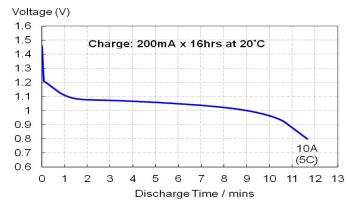
Model No.: GP210AAHCF



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.

www.gpbatteries.com

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