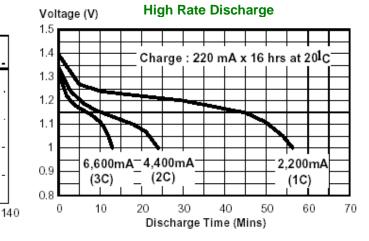
GP Batteries

DATA SHEET

		Model No.: 220CHC (Revamp)
Туре	Rechargeable Nickel Metal	
	Hydride Cylindrical Cell	
Nominal Dimension	$\Phi = 26.2$ mm	
(with Sleeve)	H = 50.0mm	1.5MIN
Applications	Recommended discharge current	
	220mA to 6600mA	
Nominal Voltage	:1.2V	
Capacity	Rated: 2200mAh	
	Typical: 2200mAh	+0
	When discharged at 440mA to 1.0V at 20	50.00 -2.0
	°C	
Charging Condition	:220mA for 16hrs at 20 $^\circ\!C$	
Charge Retention	80% of nominal capacity after cell storage	
	at 20°C for 12months	<u> </u>
	When discharged at 0.44A to 1.0V at 20°C	
Fast Charge	1100mA (0.5C)	
	charge termination control recommended	+0
	control parameters:	26.20 - 1.5 (()) 5.50-7.50
	-ΔV : 0-5mV	
	DT/dt : 0.8°C/min (0.5C)	
	0.8 - 1°C/min (1C)	unit: mm
	TCO : 45 - 50°C	
	Timer : 105% nominal input	
	(for ref. only)	Voltage (V) Low Rate Discharge
Service Life	:>1000 cycles (IEC standard)	1.5
Continuous	:220mA maximum current for 1 year.	
Overcharge	No conspicuous deformation and/or	1.4 Charge : 220 mA x 16 hrs at 20 ¹ C
	Leakage	
Weight	:61.0g	
Internal Resistance	Average 30m Ω upon fully charged	1.2
	(MAX. 40mΩ) at 1000Hz	
Max. Charging Voltage	1.5V at 220mA charging	
Ambient Temperature	Standard Charge : 0 to 40°C	
Range	Fast Charging : 10 to 40°C	1,100mA 440mA 220mA
	Discharge : -20 to 50℃	0.9 (0.5C) (0.2C) (0.1C)
	Storage : -20 to 35°C	
	Storage(1 week) : -20 to 60°C	0 2 4 6 8 10 12

Discharge Time (Hrs)



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

20

1.4

1.3

1.2

1.1

1.0

0

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100

1100 mA

120

(0.5C)



Member Gold Peak Group

Voltage (V) 1.6 1.5

40

60

80

Capacity Input (%)

Fast Charge (Charge Control required)