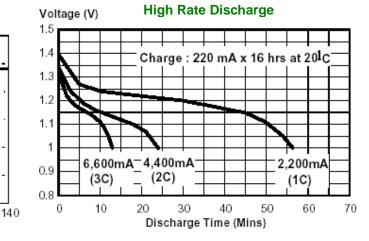
## **GP** Batteries

## 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	<b>50.00</b> -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 <sup>1</sup> C
	Leakage	
Weight	:61.0g	
Internal Resistance	Average 30m $\Omega$ 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)