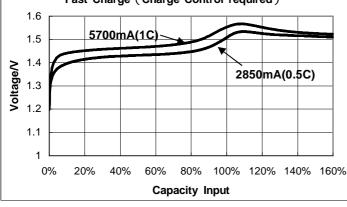


DATA SHEET

Туре	: Rechargeable Nickel Metal	Model No.: GP570DHCB
	Hydride Cylindrical Cell	
Nominal Dimension	: Φ = 34.2mm	
(with Sleeve)	H = 61.5mm	
Applications	: Recommended discharge current	│
	570mA to 5.7A	
Nominal Voltage	: 1.2V	
Capacity	: Nominal: 5700mAh	+0
	Minimum: 5700mAh	
	Typical: 5700mAh	61.5 -2.0
	When discharged at 1.14A to 1.0V at 20 $^\circ\!\mathrm{C}$	
Charging Condition	: 570mA for 16hrs at 20℃	
Charge Retention	: 80% of nominal capacity after cell storage at	
	20°C for 24months	<u> </u>
	When discharged at 1.14A to 1.0V at $20^\circ\!C$	
Fast Charge	: 2850mA to 5700mA (0.5 to 1C)	
-	charge termination control recommended	
	control parameters:	
	-ΔV : 0-5mV	34.2 -2.0 () 0.0 (Rel.)
	DT/dt : 0.8°C/min (0.5 to 0.9C)	
	0.8 - 1℃/min (>1C)	unit: mm
	TCO : 45 - 50°C	unit: mm
	Timer : 105% nominal input	
	(for ref. only)	Low Rate Discharge
Service Life	: ~1000 cycles (IEC standard)	
Continuous	: 570mA maximum current for 1 year.	
Overcharge	No conspicuous deformation and/or	1.4 Charge:570mA [×] 16hrs at 20℃
-	Leakage	1.3
Weight	: 155g	
Internal Resistance	: Average $4m\Omega$ upon fully charged	
	(Max.10mΩ) at 1000Hz	
Max. Charging Voltage	: 1.5V at 570mA charging	1.2 No (trade
Ambient Temperature	: Standard Charge : 0 to 45° C	
Range	Fast Charging : 10 to 45℃	0.9
	Discharge : -20 to 50°C	2850mA(0.5C) 1140mA(0.2C) 570mA(0.1C)
	Storage : -20 to 30°C	0.8
Fast Charge (Charge Control required)		0 2 4 6 8 10 12 Time/hr
-		
1.6		



High Rate Discharge 1.5 1.4 Charge:570mA×16hrs at 20℃ 1.3 Voltage/V 1.2 1.1 1 0.9 17.1A(3C 11.4A(2C) 5.7A(1C) 0.8 0 10 20 30 40 50 60 70 Time/min

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