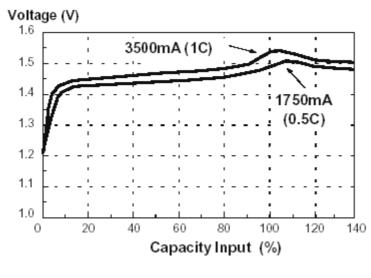


## DATA SHEET

Truce	Deebergeeble Niekel Metel	Model No.: GP350CH
Туре	: Rechargeable Nickel Metal Hydride Cylindrical Cell	
Nominal Dimension	$\Phi = 25.8 \text{mm}$	
(with Sleeve)	H = 50.0mm	1 1 1 1
Applications	: Recommended discharge current	
	350mA to 17.5A	
Nominal Voltage	: 1.2V	
Capacity	: Rated: 3500mAh	+0
	Typical: 3850mAh	<b>50.00</b> -2.0
	When discharged at 700mA to 1.0V at 20 $^\circ\!\mathrm{C}$	
Charging Condition	: 350mA for 16hrs at 20℃	
Fast Charge	: 1750mA (0.5C) to 3500mAh(1C) with	
	charge termination control recommended	
	control parameters:	_ <u>+</u>
	-ΔV : 0-5mV	
	DT/dt : 0.8°C/min (0.5C to 0.9C)	
	0.8-1℃/min (1C)	$\frac{1}{+0}$
	TCO : 45 - 50°C	25.80 - 1.0 ( ( ) ) 10.00(Ref.)
	Timer : 105% nominal input	
	(Secondary)	
Charge Retention	: 50% of rated capacity after cell storage at	unit: mm
	20°C for 12 months	
	When discharged at 700mA to 1.0V at 20	
	°C	Voltage (V) Low Rate Discharge
Service Life	: >500 cycles (IEC standard)	Voltage (V)
Continuous	: 350mA maximum current	1.5
Overcharge	No conspicuous deformation and/or	
	Leakage	<sup>1.4</sup> Charge: 350mA $\times$ 16hrs at 20 $^{\circ}$
Weight	: 78.5g	1.3
Internal Resistance	: Average $6m\Omega$ upon fully charged	
	(Max 10mΩ) at 1000Hz	1.2
Max. Charging Voltage	: 1.5V at 350mA charging	- 1.1 · · · · · · · · · · · · · · · · · ·
Ambient Temperature	: Standard Charge : 0 to 40°C	
Range	Fast Charging : 10 to 40°C	1
	Discharge : -20 to 50℃	0.9 3,500mA 1,750mA 700mA
	Storage : -20 to 35°C	(1C) (0.5C) (0.2C)
	Storage(1 week) : -20 to 60℃	(10) (0.50) (0.20)

Fast Charge (Charge Control required)





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1

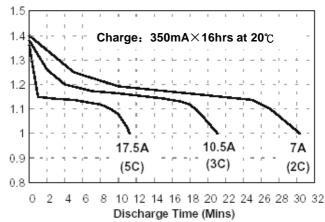
2



3

Discharge Time (Hrs)

4



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