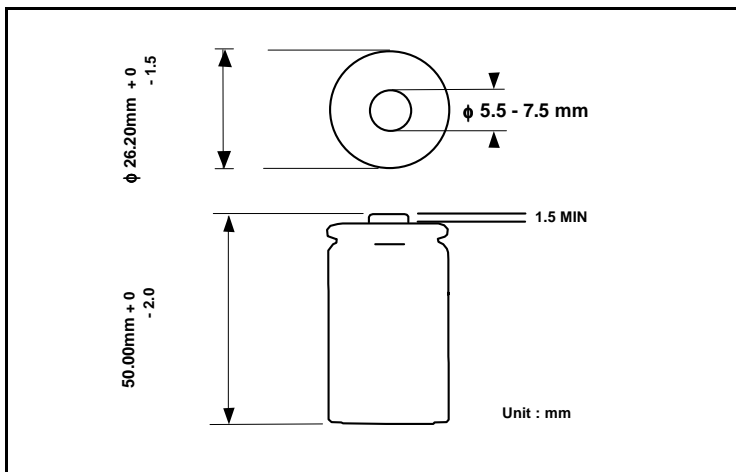


GP Batteries

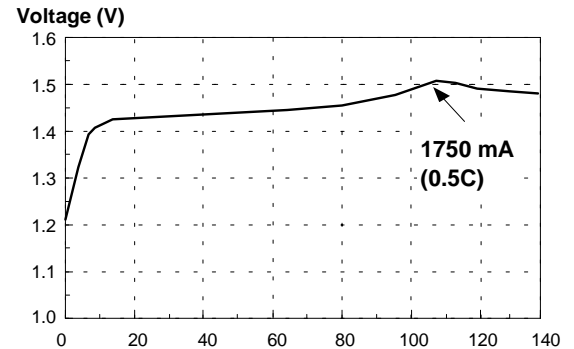
Data Sheet

Model No.: GP350CHC

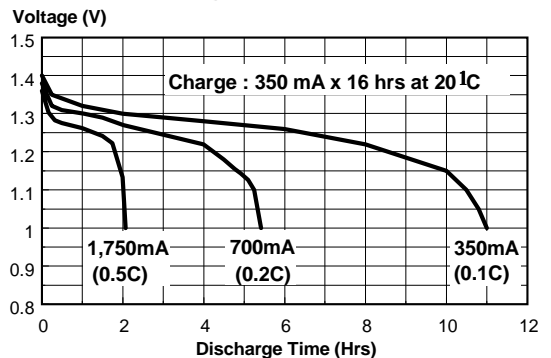
Type	Rechargeable Nickel Metal Hydride Cylindrical Cell	
Nominal Dimension (with Sleeve)	Ø = 26.2mm	H = 50.0mm
Application	Recommended discharge current 350mA to 10.5A	
Nominal Voltage	1.2V	
Nominal Capacity	Minimum : 3480mAh Typical : 3500mAh when discharged at 700mA to 1.0V at 20°C	
Charging Condition	350mA for 16 hrs at 20°C	
Fast Charge	1750mA (0.5C) with charge termination control. Recommended control parameter :	
	-ΔV	: 0-5mV
	dT/dt	: 0.8°C/min
	TCO	: 45-50°C
	Timer	: 105% nominal input
Service Life	> 500 cycles (IEC standard) Up to 1000 cycles (not less than 60% of nominal at 0.1C charge / 0.2C discharge)	
Continuous Overcharge	350mA maximum current No conspicuous deformation and/or leakage	
Weight	78.5g	
Internal Resistance	Average 6mΩ upon fully charged (Range : 4-8mΩ) at 1000Hz	
Max. Charging Voltage	1.5V at 350mA charging	
Ambient Temperature Range	Standard Charging	: 0°C to 40°C
	Fast Charging	: 10°C to 40°C
	Discharging	: -20°C to 50°C
	Storage	: -20°C to 35°C
	Storage (1 week)	: -20°C to 60°C



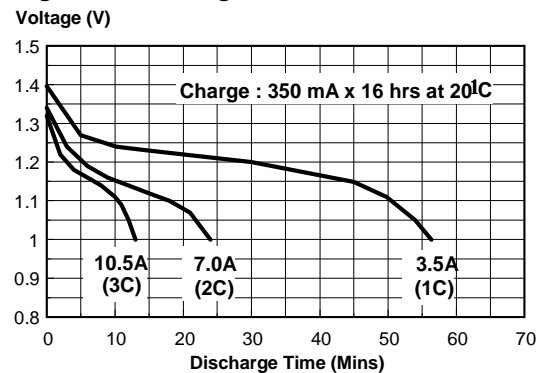
Fast Charge (Charge Control required)



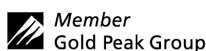
Low Rate Discharge



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 application other than those described here, please consult GP Sales and Marketing Office or Distributors.



Manufacturer reserves the right to alter or amend the design, model and specification without prior notice.

ZRS1060 Rev.00