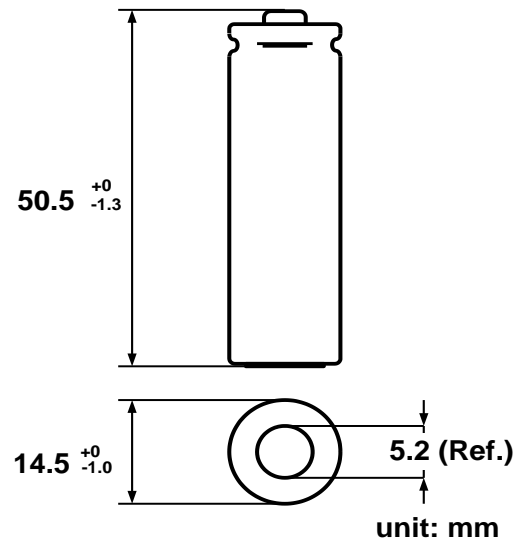


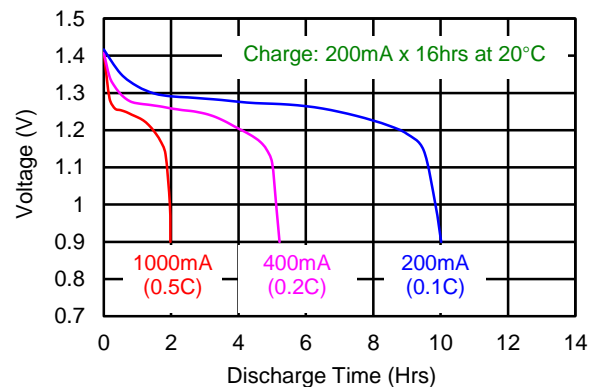
DATA SHEET

Model No.: GP210AAHCB

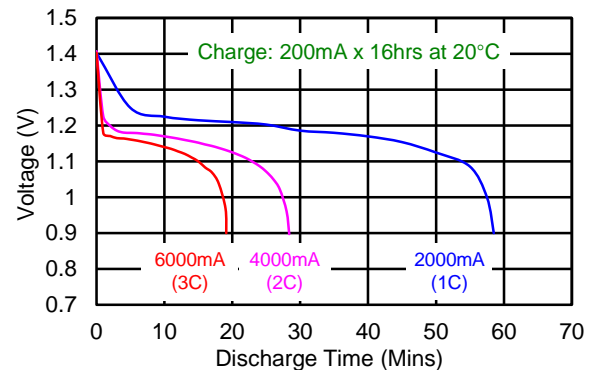
Type	Rechargeable Nickel Metal Hydride Cylindrical Cell
Nominal Dimension (with Sleeve)	Diameter = 14.5mm Height= 50.5mm
Applications	Recommended discharge current 200 to 6000mA
Nominal Voltage	1.2V
Capacity	Rated: 2000mAh Typical: 2050mAh When discharged at 400mA to 1.0V at 20°C
Charging Condition	200mA for 16 hrs at 20°C
Charge Retention	80% of rate capacity after cell storage at 20°C for 24 months When discharged at 400mA to 1.0V at 20°C.
Fast Charge	1000mA to 2000mA (0.5 to 1C) charge termination control recommended control parameters: - ΔV : 0-5mV DT/dt : 0.8°C/min (0.5 to 0.9C) 0.8 - 1°C/min (1C) TCO : 45 - 55°C Timer : 105% nominal input (for ref. only)
Service Life	>1000 cycles (IEC 2017 - 7.5.1.2) >300 cycles (IEC 2017 - 7.5.1.4)
Continuous Overcharge	200mA maximum current for 1 year. No conspicuous deformation and/or leakage.
Weight	30.0g
Internal Resistance	Average 12m Ω upon fully charged (Max. 28m Ω) at 1000Hz
Max. Charge Voltage	1.5V at 200mA charging
Ambient Temperature Range	Standard Charge: 0 to 45°C Fast charge: 10 to 45°C Discharge : -20 to 50°C Storage: -20 to 35°C Storage(1week): -20 to 60°C



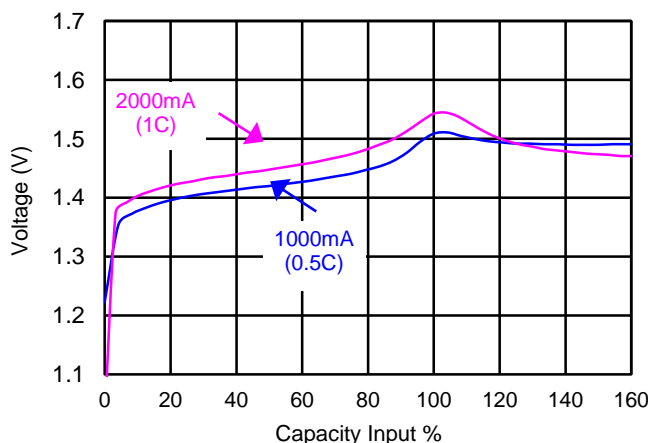
Low Rate Discharge



High Rate Discharge



Fast Charge (Charge Control Required)



The above information is generally descriptive only and is not intended as guarantee or warranty. Cell and battery specifications are subject to change without notice. All descriptions or warranties are contained solely in specification sheets accompanying outside those described in this document.

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