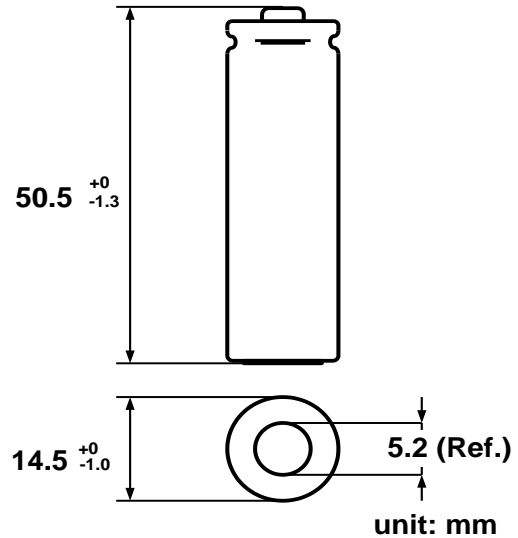


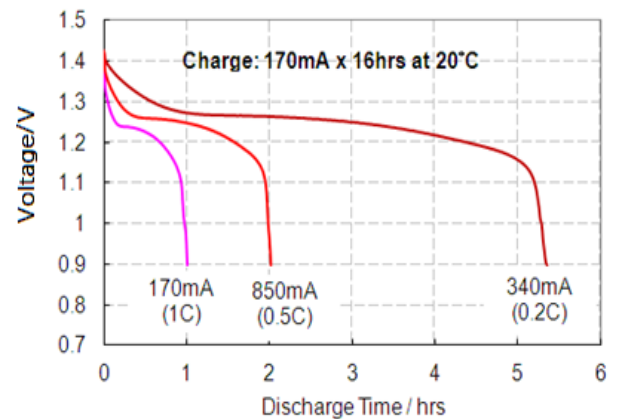
DATA SHEET

Model No.: GP170AAHCV

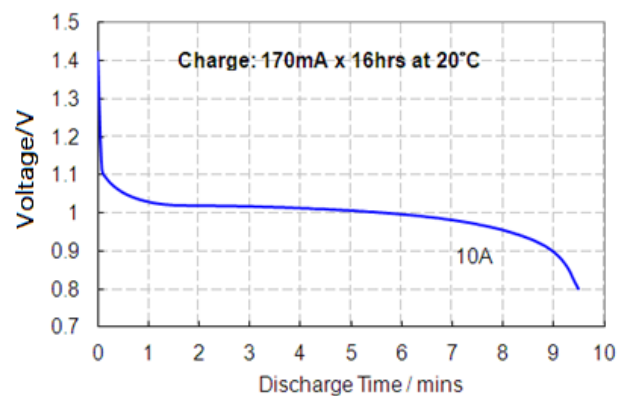
Type	Rechargeable Nickel Metal Hydride Cylindrical Cell
Nominal Dimension (with Sleeve)	Diameter = 14.5mm Height= 50.5mm
Applications	Recommended discharge current 170 to 10000mA
Nominal Voltage	1.2V
Capacity	Rated: 1700mAh Typical: 1750mAh When discharged at 340mA to 1.0V at 20°C
Charging Condition	170mA for 16 hrs at 20°C
Charge Retention	80% of rated capacity after cell storage at 20°C for 12 months When discharged at 340mA to 1.0V at 20°C
Fast Charge	850mA to 10200mA (0.5 to 6C) 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	>700 cycles (IEC61951-2(2017)-7.5.1.2) >200 cycles (IEC61951-2(2017)-7.5.1.4)
Continuous Overcharge	170mA maximum current for 1 year. No conspicuous deformation and/or leakage.
Weight	26.2g
Internal Resistance	Average 12mΩ upon fully charged (Max. 14mΩ)at 1000Hz
Max. Charge Voltage	1.5V at 170mA charging
Ambient Temperature Range	Standard Charge: 0 to 45°C Fast charge: 10 to 55°C Discharge: -20 to 50°C Storage: -20 to 35°C Storage(1week): -20 to 60°C



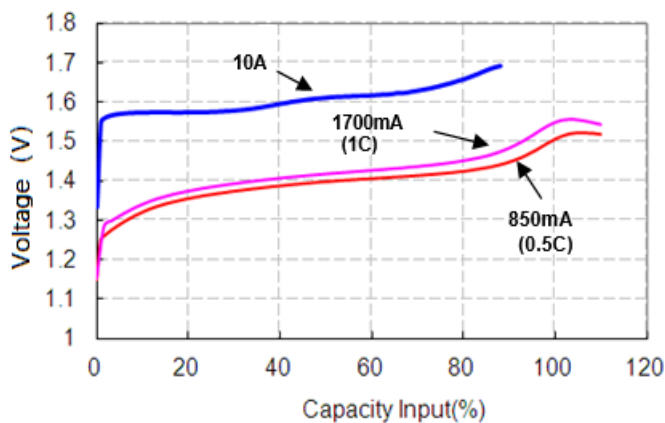
Low Rate Discharge



High Rated 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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