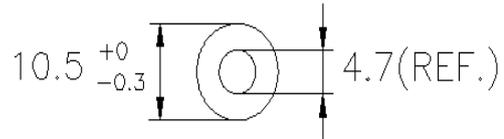
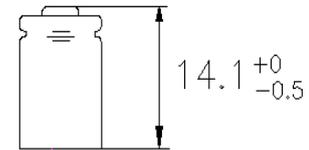


DATA SHEET

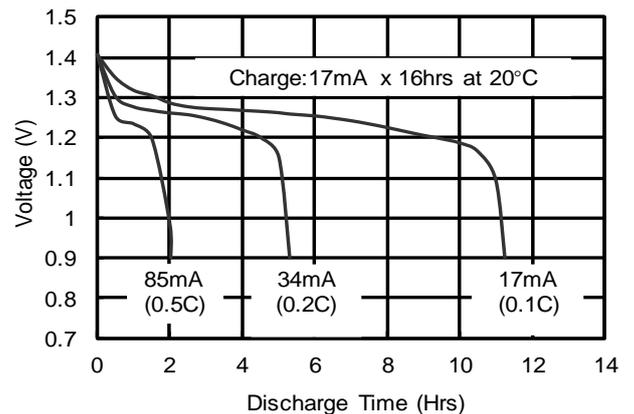
Model No.: GP17AAAH

Type	Rechargeable Nickel Metal Hydride Cylindrical Cell
Nominal Dimension (with Sleeve)	Diameter = 10.5mm Height = 14.1mm
Applications	Recommended discharge current 17 to 510mA
Nominal Voltage	1.2V
Capacity	Rated: 170mAh Typical: 180mAh When discharged at 34mA to 1.0V at 20°C
Charging Condition	17mA for 16 hrs at 20°C
Charge Retention	80% of nominal capacity after cell storage at 20°C for 12 months When discharged at 34mA to 1.0V at 20°C
Fast Charge	85mA to 170mA (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 - 50°C Timer : 105% nominal input (for ref. only)
Service Life	>500 cycles (IEC61951-2(2017) 7.5.1.2)
Continuous Overcharge	17mA maximum current for 1 year. No conspicuous deformation and/or leakage
Weight	4.2g
Internal Resistance	Average 120mΩ upon fully charged (Max. 150 mΩ) at 1000Hz
Max. Charge Voltage	1.5V at 17mA 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

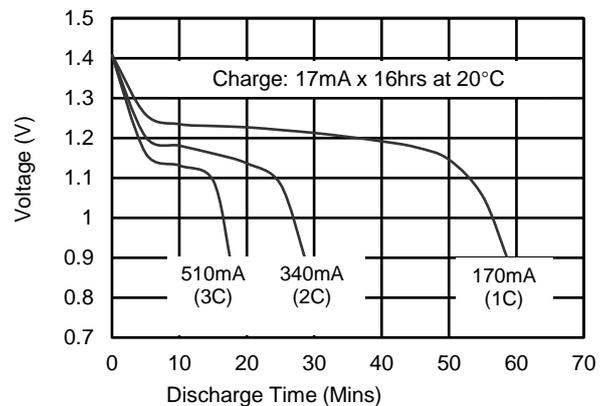


Unit:mm

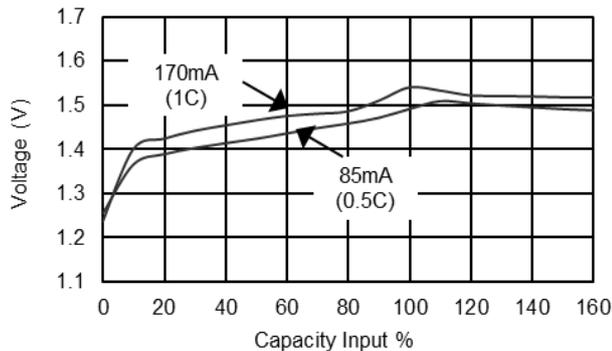
Low Rate Discharge



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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