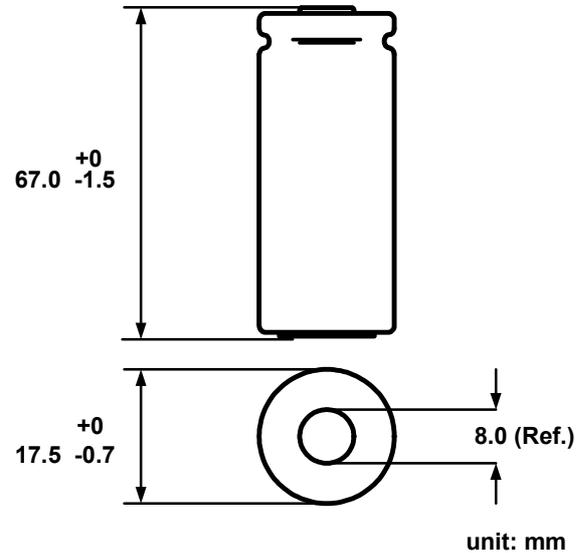


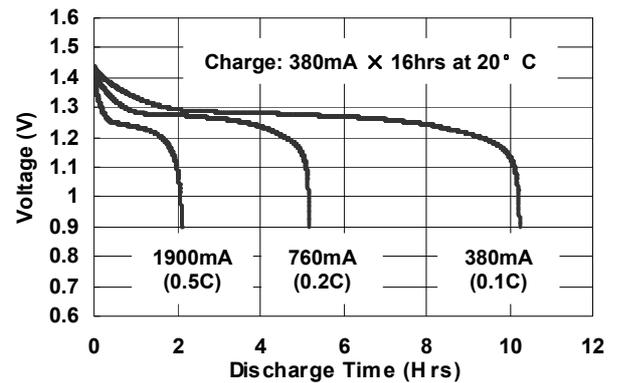
DATA SHEET

Model No.: GP380AFH

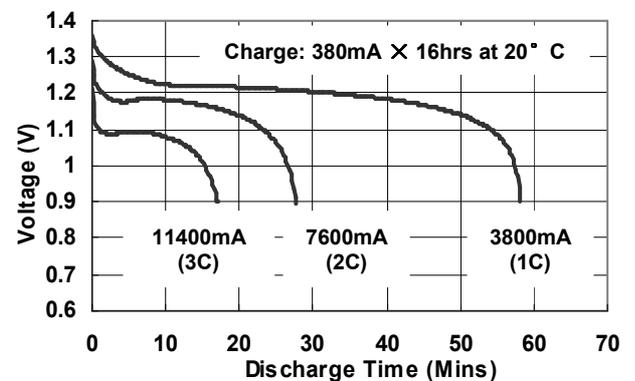
Type	Rechargeable Nickel Metal Hydride Cylindrical Cell
Nominal Dimension (with Sleeve)	Diameter = 17.5mm Height = 67.0mm
Applications	Recommended discharge current 380mA to 1140mA
Nominal Voltage	1.2V
Capacity	Rated: 3800mAh Typical: 3820mAh when discharged at 760mA to 1.0V at 20°C
Charging Condition	380mA for 16 hrs at 20°C
Charge Retention	50% of nominal capacity after cell storage at 20°C for 12months When discharged at 760mA to 1.0V at 20°C
Fast Charge	1900mA to 3800mA (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	380mA maximum current for 1 year. No conspicuous deformation and/or leakage
Weight	53.5g
Internal Resistance	Average 18mΩ upon fully charged (Max. 30 mΩ) at 1000Hz
Max. Charge Voltage	1.5V at 260mA 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



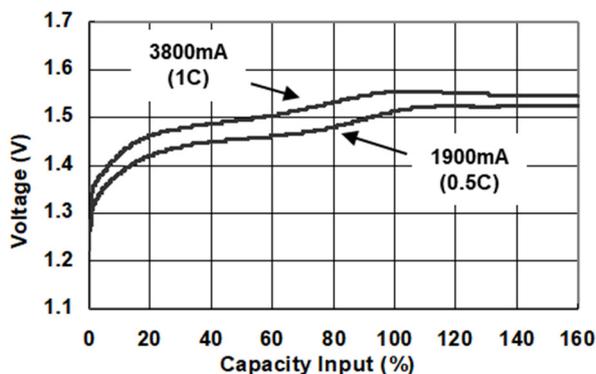
Low Rate Discharge



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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