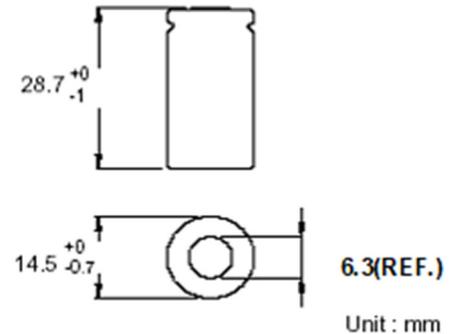


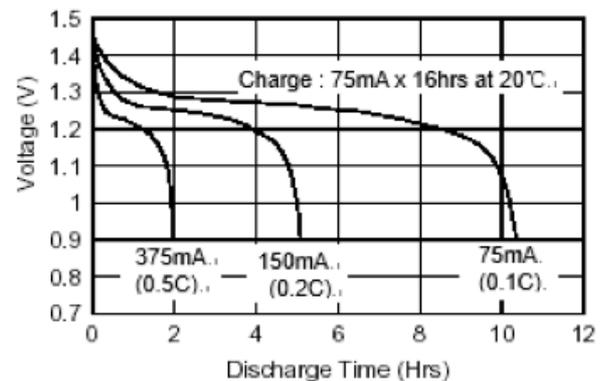
## DATA SHEET

Model No.: GP75AAH

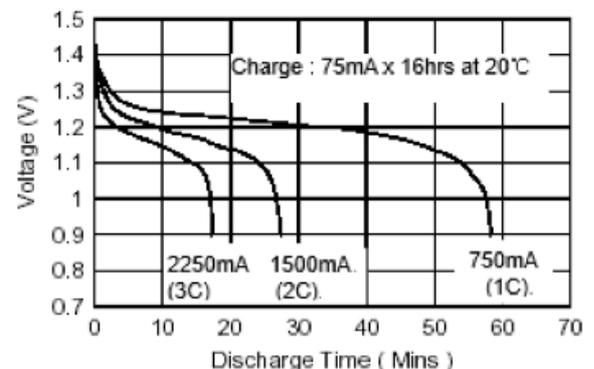
<b>Type</b>	Rechargeable Nickel Metal Hydride Cylindrical Cell
<b>Nominal Dimension (with Sleeve)</b>	Diameter = 14.5mm Height = 28.7mm
<b>Applications</b>	Recommended discharge current 75 to 2250mA
<b>Nominal Voltage</b>	1.2V
<b>Capacity</b>	Rated: 750mAh Typical: 770mAh When discharged at 150mA to 1.0V at 20°C
<b>Charging Condition</b>	75mA for 16 hrs at 20°C
<b>Charge Retention</b>	80% of nominal capacity after cell storage at 20°C for 12 months, When discharged at 150mA to 1.0V at 20°C
<b>Fast Charge</b>	375mA to 750mA (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)
<b>Service Life</b>	>500 cycles (IEC61951-2(2017)-7.5.1.2)
<b>Continuous Overcharge</b>	75mA maximum current for 1 year. No conspicuous deformation and/or leakage
<b>Weight</b>	15.0g
<b>Internal Resistance</b>	Average 35mΩ upon fully charged (Max. 45 mΩ) at 1000Hz
<b>Max. Charge Voltage</b>	1.5V at 75mA charging
<b>Ambient Temperature Range</b>	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



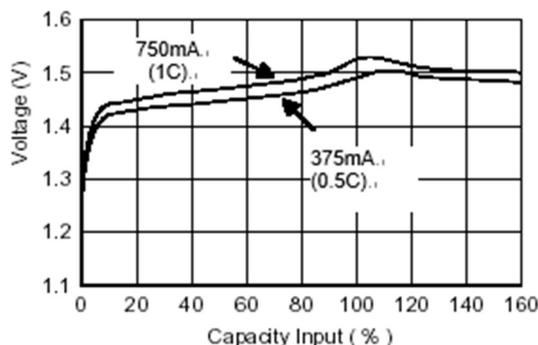
### Low Rate Discharge



### 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.

MRS6215 rev.03