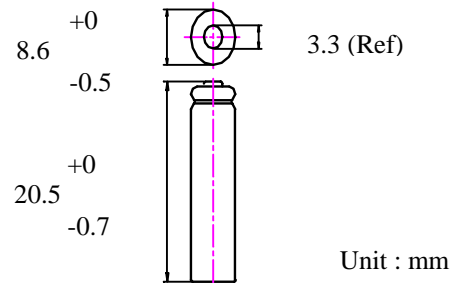
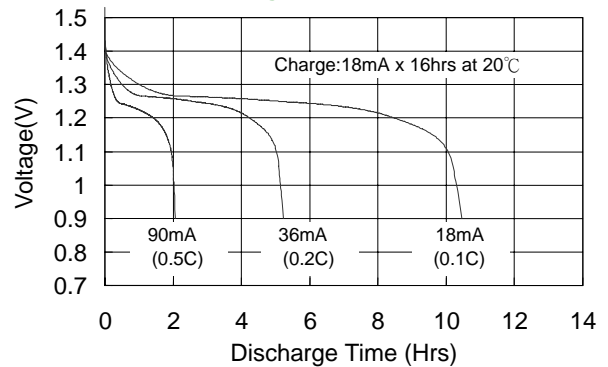


Model No.: GP18AAA AH

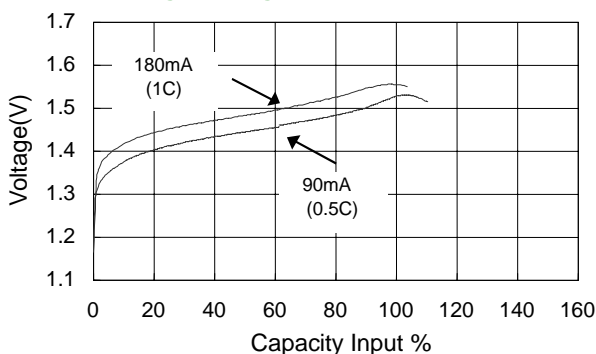
Type	: Rechargeable Nickel Metal Hydride Cylindrical Cell
Nominal Dimension (with Sleeve)	: $\Phi = 8.6\text{mm}$ H = 20.5mm
Applications	: Recommended discharge current 18 to 540 mA
Nominal Voltage	: 1.2V
Capacity	: Nominal: 180mAh Minimum: 180mAh Typical: 185mAh When discharged at 36mA to 1.0V at 20°C
Charging Condition	: 18mA for 16 hrs at 20°C
Fast Charge	: 90mA to 180mA (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 (IEC standard)
Continuous Overcharge	: 18mA maximum current for 1 year. No conspicuous deformation and/or leakage
Weight	: 4.0g
Internal Resistance	: Average 115m Ω upon fully charged (Range 90 - 130 m Ω) at 1000Hz
Max. Charging Voltage	: 1.5V at 18mA charging
Ambient Temperature Range	: Standard Charge : 0 to 45°C Fast Charging : 10 to 45°C Discharge : -20 to 50°C Storage : -20 to 35°C



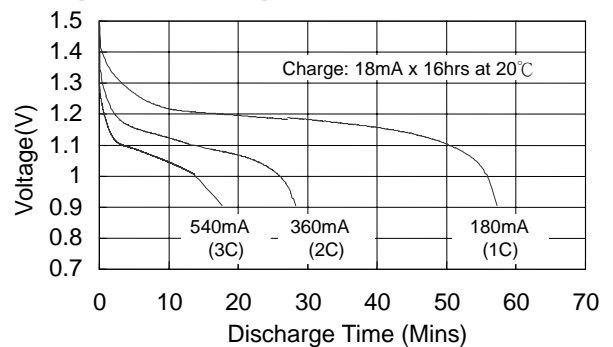
Low Rate Discharge



Fast Charge (Charge Control Required)



High Rate Discharge



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