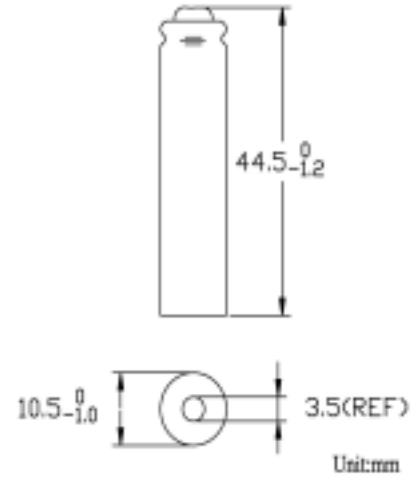
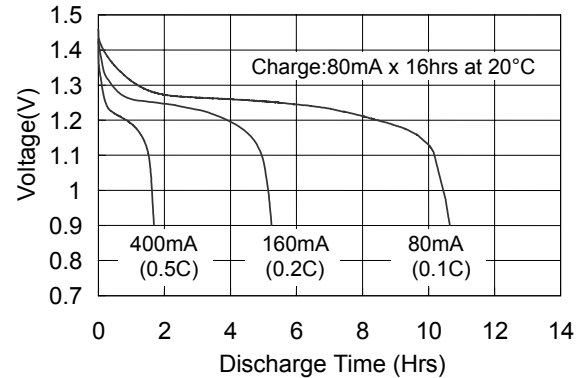


| | |
|--|--|
| Type | : Rechargeable Nickel Metal Hydride Cylindrical Cell |
| Nominal Dimension (with Sleeve) | : $\Phi = 10.5\text{mm}$ H = 44.5mm |
| Applications | : Recommended discharge current 80 to 2400mA |
| Nominal Voltage | : 1.2V |
| Capacity | : Nominal: 800mAh Minimum: 780mAh Typical: 800mAh When discharged at 160mA to 1.0V at 20°C |
| Charging Condition | : 80mA for 16 hrs at 20°C |
| Fast Charge | : 400mA to 800mA (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 | : 80mA maximum current for 1 year. No conspicuous deformation and/or leakage |
| Weight | : 14.0g |
| Internal Resistance | : Average 40m Ω upon fully charged (Range 20 - 60m Ω) at 1000Hz |
| Max. Charging Voltage | : 1.5V at 80mA 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 |

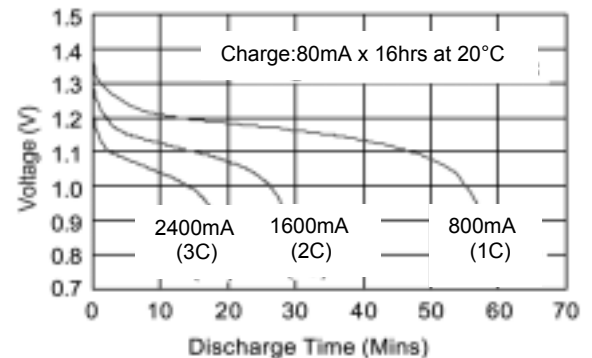
Model No.: **GP80AAAHC**



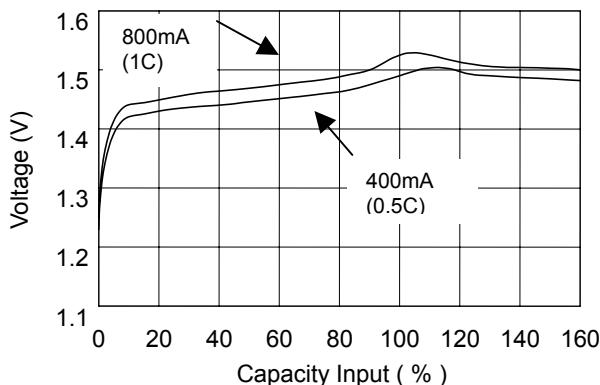
Low Rate Discharge



High Rate Discharge



Fast Charge (Charge control required)



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