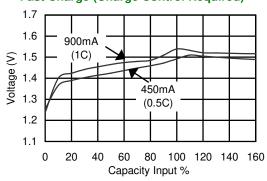


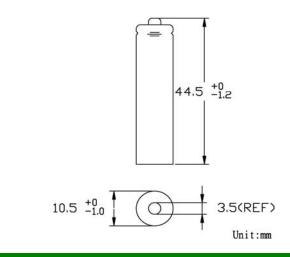
DATA SHEET

Type : Rechargeable Nickel Metal Hydride Cylindrical Cell Nominal Dimension (with Sleeve) : Φ = 10.5mm H = 44.5mm Applications : Recommended discharge current 90 to 2700mA Nominal Voltage : 1.2V Capacity : Rated: 900mAh Typical: 920mAh When discharged at 180mA to 1.0V at 20°C Charging Condition : 90mA for 16 hrs at 20°C Charging Retention : 70% of nominal capacity after cell storage at 20°C for 6 months, 50% of nominal capacity after cell storage at 20°C for 1year When discharged at 180mA to 1.0V at 20°C Fast Charge : 450mA to 900mA (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 : 90mA maximum current for 1 year.
Hydride Cylindrical Cell
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Continuous : 90mA maximum current for 1 year.
•
Overcharge No conspicuous deformation and/or
leakage
Weight : 15.2g
Internal Resistance : Average 40mΩ upon fully charged
(Max. 55mΩ) at 1000Hz
Max. Charging Voltage : 1.5V at 90mA charging
Ambient Temperature : Standard Charge : 0 to 45°C
Range Fast Charging : 10 to 45℃
Discharge : -20 to 50°C
Storage: -20 to 35°C

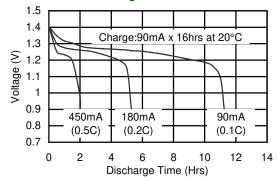
Fast Charge (Charge Control Required)



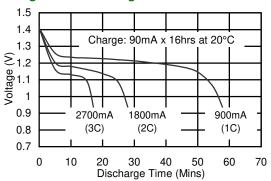
Model No.: GP95AAAHC



Low Rate Discharge



High Rate Discharge



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