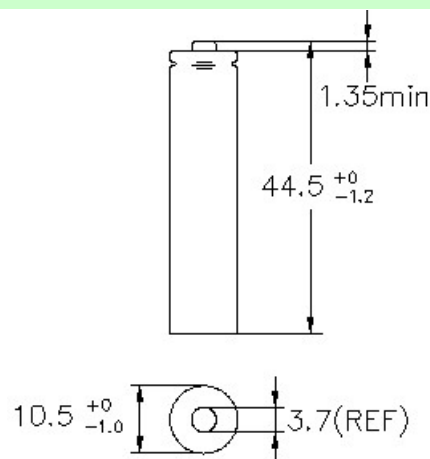


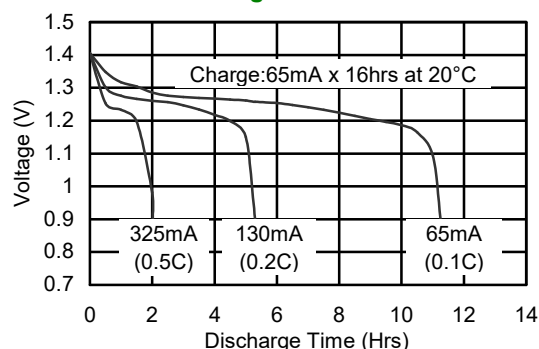
Type	: Rechargeable Nickel Metal Hydride Cylindrical Cell
Recycled material content	: Rechargeable Nickel Metal Hydride Battery Made with Minimum 10% Recycled materials
Nominal Dimension (with Sleeve)	: $\Phi = 10.5\text{mm}$ $H = 44.5\text{mm}$
Applications	: Recommended discharge current 65 to 1950mA
Nominal Voltage	: 1.2V
Capacity	: Rated: 650mAh Typical: 670mAh When discharged at 130mA to 1.0V at 20°C
Charging Condition	: 65mA for 16 hrs at 20°C
Charging Retention	: 70% of rated capacity after cell storage at 20°C for 12 months, When discharged at 130mA to 1.0V at 20°C
Fast Charge	: 325mA to 650mA (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	: > 1000 cycles (IEC standard)
Continuous Overcharge	: 65mA maximum current for 1 year. No conspicuous deformation and/or leakage
Weight	: 12.5g
Internal Resistance	: Average 45mΩ upon fully charged (Max. 65mΩ) at 1000Hz
Max. Charging Voltage	: 1.5V at 65mA 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.: GP65AAHCE

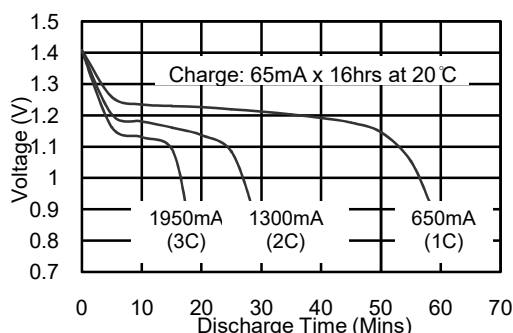


Unit: mm

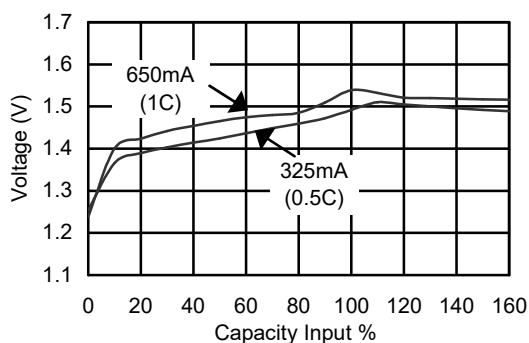
Low Rate Discharge



High Rate Discharge



Fast Charge (Charge Control Required)



The information (subject to change without prior notice) contained in this document is for reference only and should not be used as a basis for product guarantee or warranty. For applications other than those described here, please consult your nearest GP Sales and Marketing Office or Distributors.