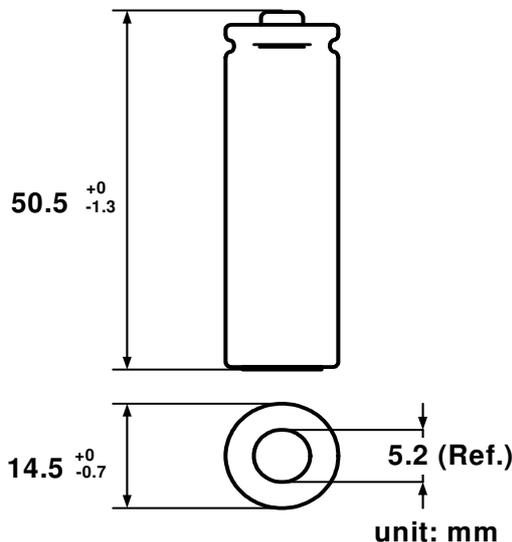
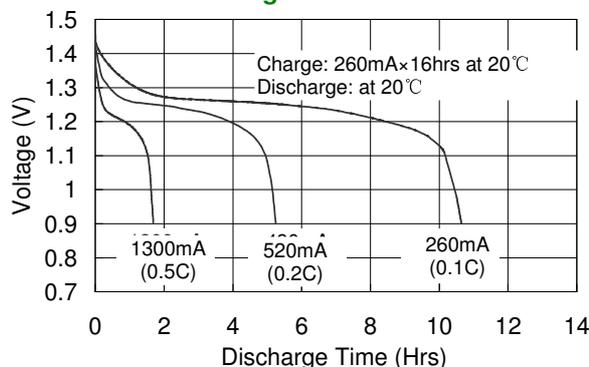


Model No.: GP270AAHCE

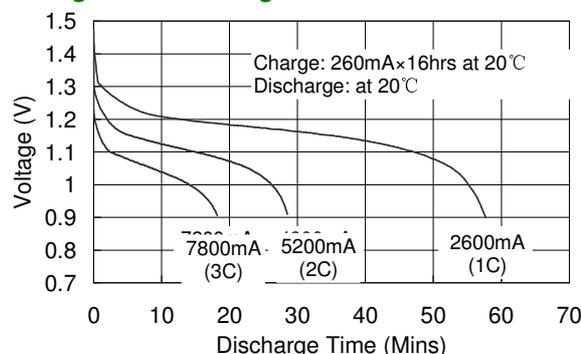
| | |
|--|---|
| Type | Rechargeable Nickel Metal Hydride Cylindrical Cell |
| Recycled material content | Rechargeable Nickel Metal Hydride Battery Made with Minimum 10% Recycled materials |
| Nominal Dimension (with Sleeve) | $\Phi = 14.5\text{mm}$ $H = 50.5\text{mm}$ |
| Applications | Recommended discharge current 260 to 7800mA |
| Nominal Voltage | 1.2V |
| Capacity | Rated: 2600mAh Typical: 2650mAh When discharged at 520mA to 1.0V at 20°C |
| Charging Condition | 260mA for 16 hrs at 20°C |
| Charging Retention | 70% of nominal capacity after cell storage at 20°C for 6months, 50% of nominal capacity after cell storage at 20°C for 1year When discharged at 520mA to 1.0V at 20°C |
| Fast Charge | 1300mA to 2600mA (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 : 100% nominal input (for ref. only) |
| Service Life | ~300 cycles (IEC standard) |
| Continuous Overcharge | 260mA maximum current for 1 year. No conspicuous deformation and/or leakage |
| Weight | 31.0g |
| Internal Resistance | Average 20m Ω upon fully charged (Max.35m Ω) at 1000Hz |
| Max. Charging Voltage | 1.5V at 260mA 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 |



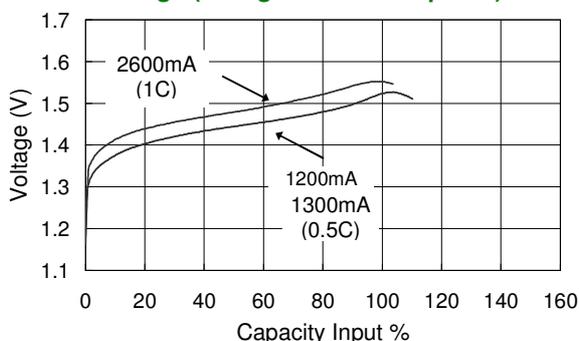
Low Rate Discharge



High Rate Discharge



Fast Charge (Charge Control Required)



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