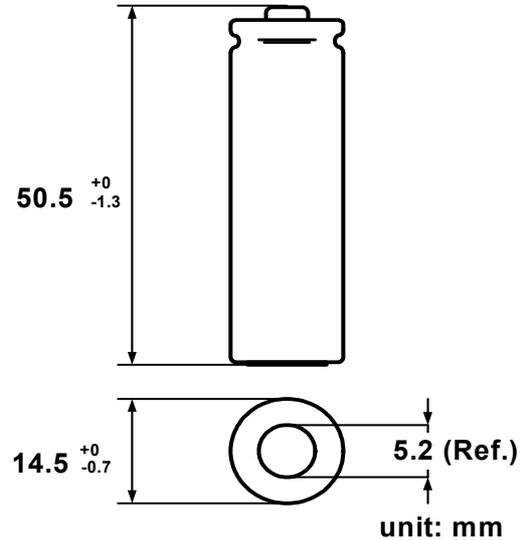
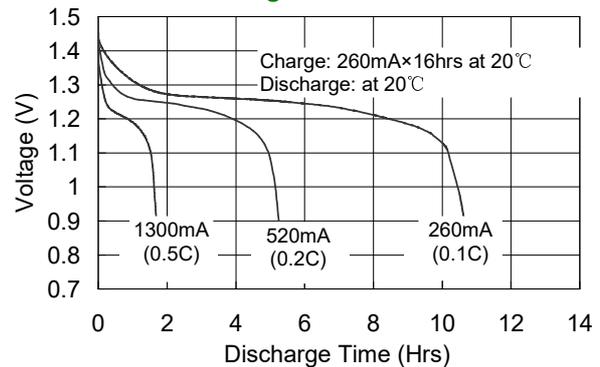


Model No.: GP270AAHCE

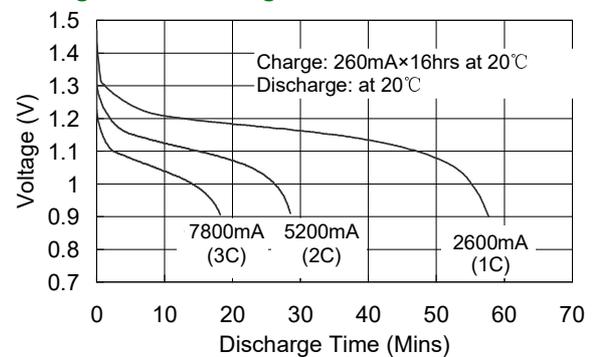
Type	Rechargeable Nickel Metal Hydride Cylindrical Cell
Recycled material content	Rechargeable Nickel Metal Hydride Battery Made with Minimum 10% Recycled materials
Nominal Dimension (with Sleeve)	$\Phi = 14.5\text{mm}$ $H = 50.5\text{mm}$
Applications	Recommended discharge current 260 to 7800mA
Nominal 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 2017 - 7.5.1.2) >100 cycles (IEC 2017 - 7.5.1.4)
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



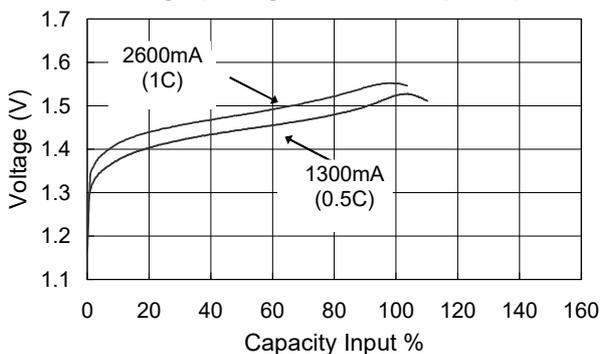
Low Rate Discharge



High Rate Discharge



Fast Charge (Charge Control Required)



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