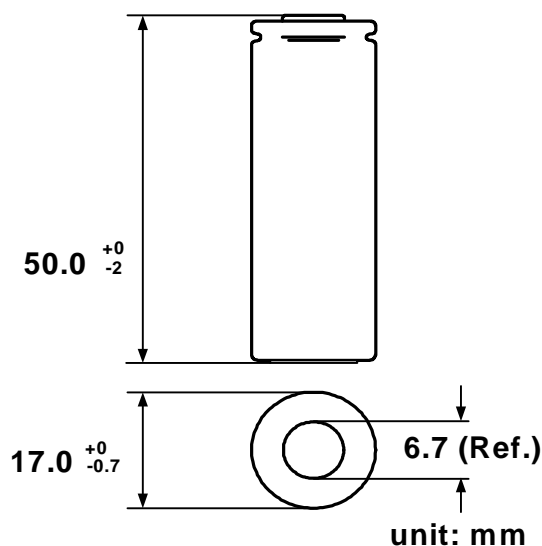
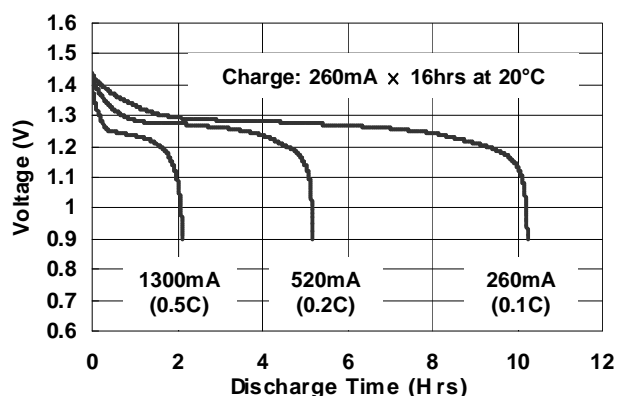


Type	Rechargeable Nickel Metal Hydride Cylindrical Cell
Nominal Dimension (with Sleeve)	$\Phi = 17.0\text{mm}$ $H = 50.0\text{mm}$
Applications	Recommended discharge current: 260mA to 7800mA
Nominal Voltage	1.2V
Capacity	Rated: 2600mAh Typical: 2700mAh When discharged at 520mA to 1.0V at 20°C
Charging Condition	260mA for 16hrs at 20°C
Charging Retention	50% of nominal capacity after cell storage at 20°C for 12 months When discharged at 520mA to 1.0V at 20°C
Fast Charge	1300mA to 2600mAh (0.5 to 1C) charge termination control recommended control parameters: - ΔV : 0-5mV DT/dt : 0.8°C/min(0.5C 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	260mA maximum current for 1 year No conspicuous deformation and/or no leakage
Weight	39.5g
Internal Resistance	Average 20 m Ω upon fully charged (Max. 30 m Ω) at 1000Hz
Max. Charging Voltage	1.5V at 260mA charging
Ambient Temperature Range	Standard Charging : 0 to 45°C Fast Charging : 10 to 45°C Discharge : -20 to 50°C Storage : -20 to 35°C Storage (1 week) : -20 to 60°C

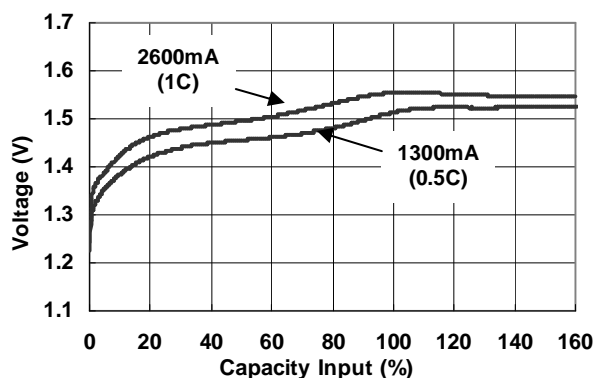
Model No.: GP270AFH



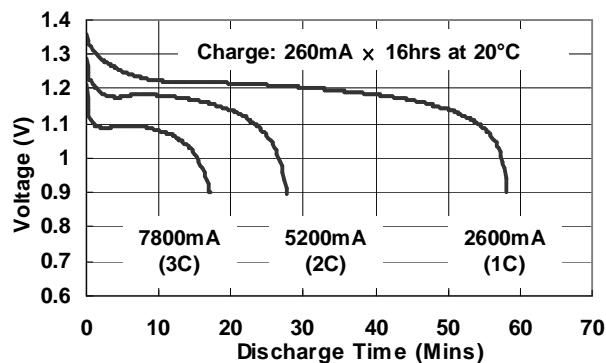
Low Rate Discharge



Fast Charge (Charge Control Required)



High Rate Discharge



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