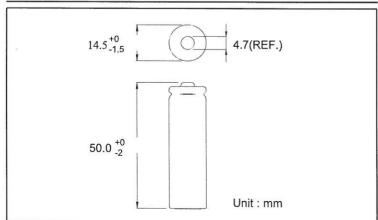
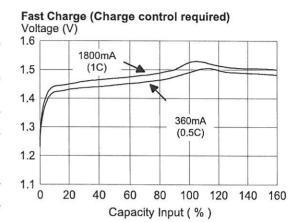
GP Batteries

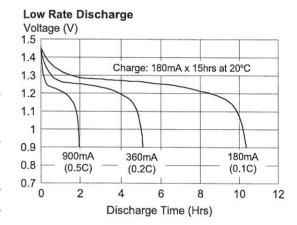
Data Sheet

Model No.: GP180AAHC

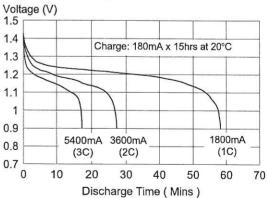
Туре	:	Rechargeable Nickel Metal Hydride Cylindrical Cell
Nominal Dimension (with Sleeve)	:	Φ =14.5mm H =50.0mm
Applications	ě	Recommended discharge current 180 to 5400mA
Nominal Voltage	ï	1.2V
Capacity	:	Minimum: 1750mAh Typical: 1800mAh when discharged at 360mA to 1.0V at 20°C
Charging Condition	:	180mA for 15 hrs at 20°C
Fast Charge	:	900mA to 1800mA (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
Service Life	:	>500 cycles (IEC standard) Up to 1000 cycles (not less than 60% of nominal at 0.1C charge / 0.2C discharge)
Continuous Overcharge	1	180mA maximum current for 1 year No conspicuous deformation and/or leakage
Weight	;	26.0g
Internal Resistance	:	Average $22m\Omega$ upon fully charged (Range $16\text{-}26m\Omega$) at 1000Hz
Max. Charging Voltage	;	1.5V at 180mA charging
Ambient Temperature Range	:	Standard Charging : 0 to 45°C Fast Charging : 10 to 45°C Discharging : -20 to 50°C Storage : -20 to 35°C











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