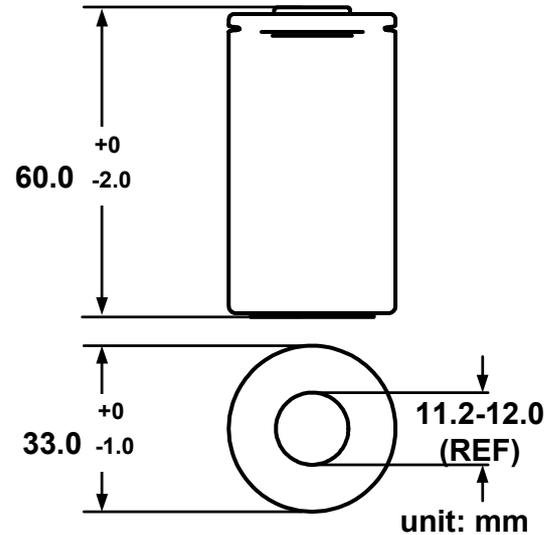


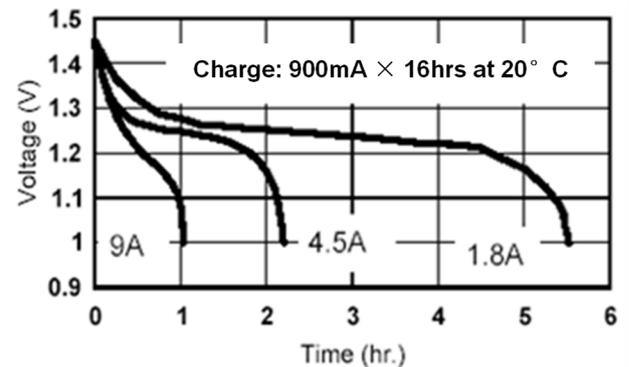
DATA SHEET

Model No.: GP900DH

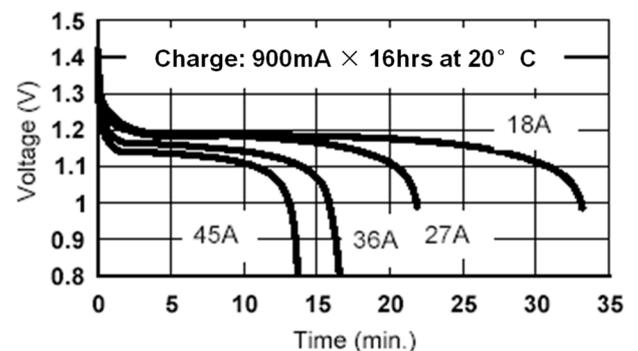
Type	Rechargeable Nickel Metal Hydride Cylindrical Cell
Nominal Dimension (with Sleeve)	Diameter = 33.0mm Height = 60.0mm
Applications	Recommended discharge current 1800mA to 45A(continuous) (momentary) 120A
Nominal Voltage	1.2V
Capacity	Rated: 9000mAh Typical: 9225mAh when discharged at 1800mA to 1.0V at 20°C
Charging Condition	900mA for 16 hrs at 20°C
Charge Retention	50% of nominal capacity after cell storage at 20°C for 12months When discharged at 1.8A to 1.0V at 20°C
Fast Charge	4.5A to 9A (0.5 to 1.0C) charge termination control recommended control parameters: -ΔV : 0-5mV DT/dt : 0.8°C/min TCO : 50 - 55°C Timer : 105% nominal input (secondary)
Service Life	>500 cycles (IEC61951-2(2017)-7.5.1.2)
Continuous Overcharge	900mA maximum current for 1 year. No conspicuous deformation and/or leakage
Weight	170g
Internal Resistance	Average 6 mΩ upon fully charged (Max. 8 mΩ) at 1000Hz
Max. Charge Voltage	1.5V at 900mA charging
Ambient Temperature Range	Standard Charge : 0 to 45°C Fast Charge : 10 to 45°C Discharge : -20 to 50°C Storage : -20 to 35°C Storage (1week) : -20 to 60°C



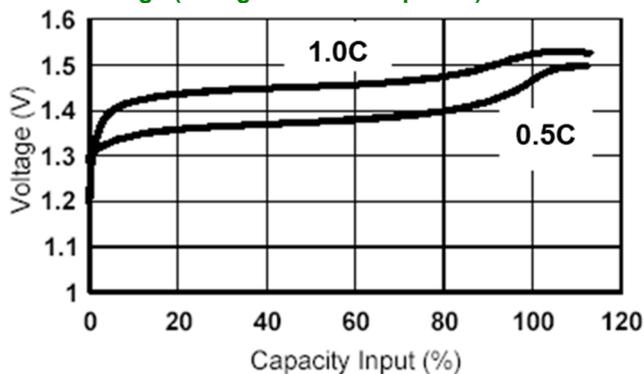
Low Rate Discharge



High Rate Discharge



Fast Charge (Charge Control Required)



The above information is generally descriptive only and is not intended as guarantee or warranty. Cell and battery specifications are subject to change without notice. All descriptions or warranties are contained solely in specification sheets accompanying outside those described in this document.

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