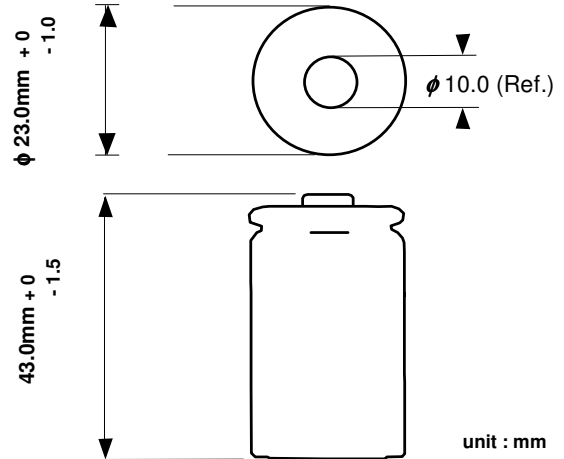


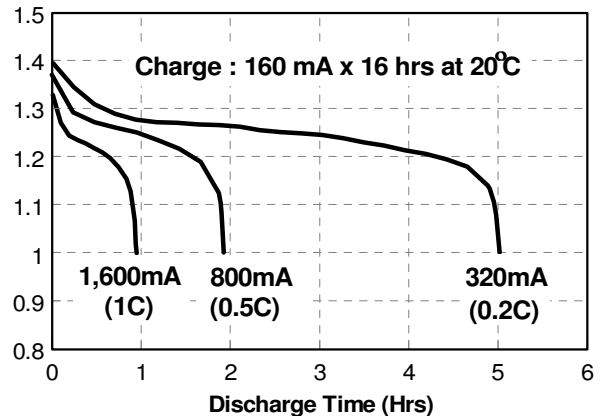
Type	: Rechargeable Nickel Metal Hydride Cylindrical Cell
Nominal Dimension (with Sleeve)	: $\Phi = 23.0\text{mm}$ H = 43.0mm
Applications	: Recommended discharge current 160mA to 16A
Nominal Voltage	: 1.2V
Capacity	: Nominal: 1600mAh Minimum: 1600mAh Typical: 1680mAh When discharged at 320mA to 1.0V at 20°C
Charging Condition	: 160mA for 16 hrs at 20°C
Fast Charge	: 800mA to 1600mA (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 (for ref. only)
Service Life	: >500 cycles (IEC standard)
Continuous Overcharge	: 160mA maximum current for 1 year. No conspicuous deformation and/or Leakage
Weight	: 38.0g
Internal Resistance	: Average 7m Ω upon fully charged (Range 4-10m Ω) at 1000Hz
Max. Charging Voltage	: 1.5V at 160mA charging
Ambient Temperature Range	: Standard Charge : 0 to 40°C Fast Charging : 10 to 40°C Discharge : -20 to 50°C Storage : -20 to 35°C Storage (1week) : -20 to 60°C

Model No.: GP160SCHE



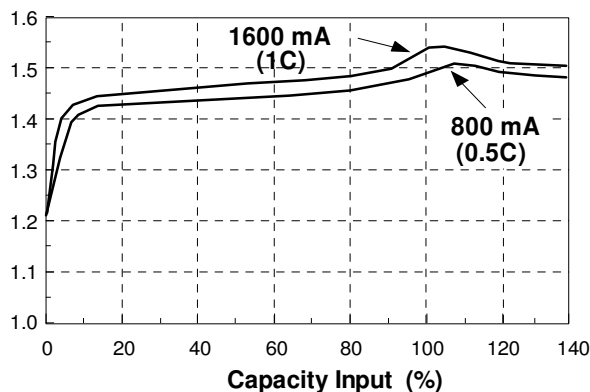
Low Rate Discharge

Voltage (V)



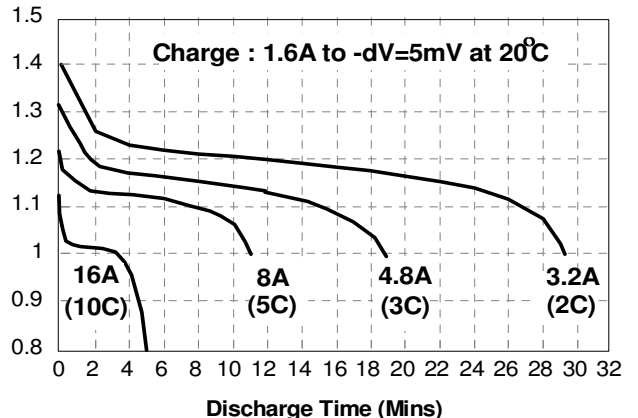
Fast Charge (Charge Control required)

Voltage (V)



High Rate Discharge

Voltage (V)



The information (subject to change without prior notice) contained in this document is for reference only and should not be used as a basis for product guarantee or warranty. For applications other than those described here, please consult your nearest GP Sales and Marketing Office or Distributors.

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