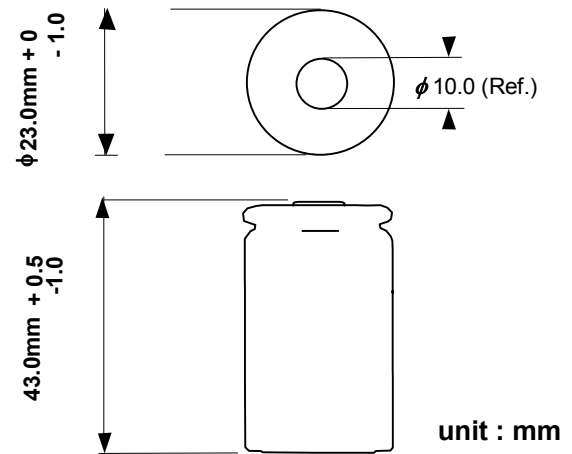


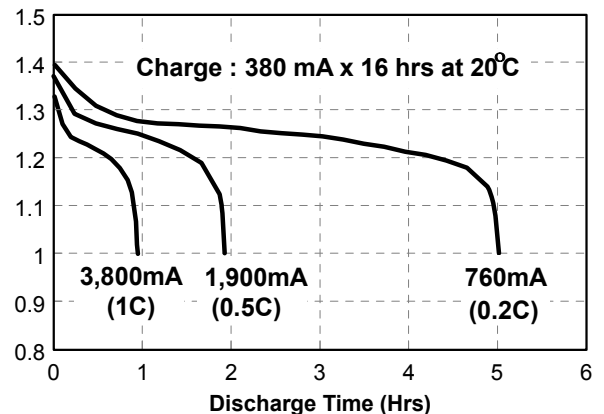
| | |
|--|--|
| Type | : Rechargeable Nickel Metal Hydride Cylindrical Cell |
| Nominal Dimension (with Sleeve) | : $\Phi = 23.0\text{mm}$ H = 43.0mm |
| Applications | : Recommended discharge current 380mA to 30A |
| Nominal Voltage | : 1.2V |
| Capacity | : Nominal: 3800mAh Minimum: 3800mAh Typical: 3900mAh When discharged at 760mA to 1.0V at 20°C |
| Charging Condition | : 380mA for 16 hrs at 20°C |
| Fast Charge | : 1900mA to 3800mA (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 | : 380mA maximum current for 1 year. No conspicuous deformation and/or Leakage |
| Weight | : 63.0g |
| Internal Resistance | : Average 6m Ω upon fully charged (Range 4-8m Ω) at 1000Hz |
| Max. Charging Voltage | : 1.5V at 380mA 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.: GP390SCH



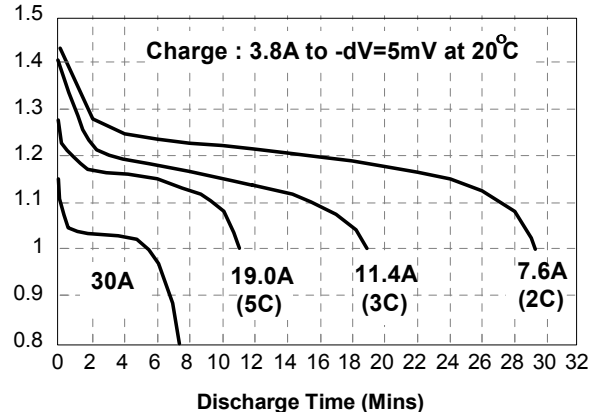
Low Rate Discharge

Voltage (V)



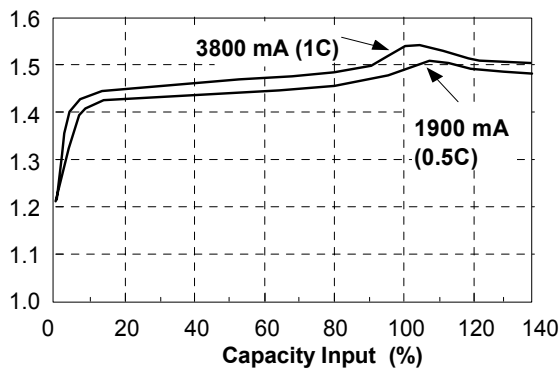
High Rate Discharge

Voltage (V)



Fast Charge (Charge Control required)

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.