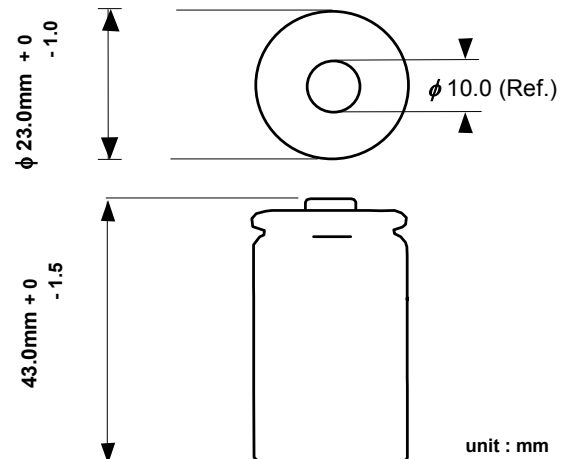
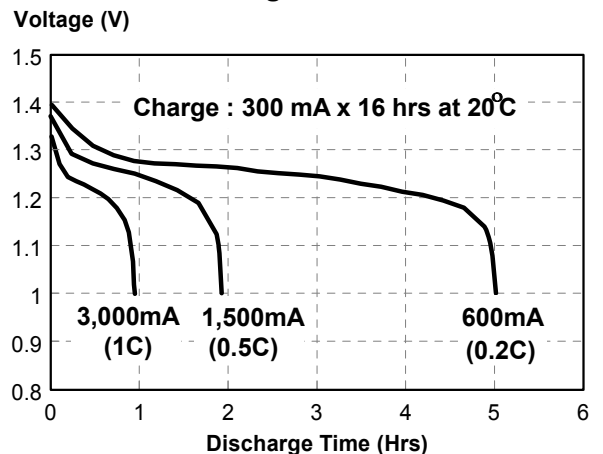


| | |
|--|---|
| Type | : Rechargeable Nickel Metal Hydride Cylindrical Cell |
| Nominal Dimension (with Sleeve) | : $\Phi = 23.0\text{mm}$ H = 43.0mm |
| Applications | : Recommended discharge current 300mA to 30A |
| Nominal Voltage | : 1.2V |
| Capacity | : Nominal: 3000mAh Minimum: 2800mAh Typical: 3000mAh When discharged at 30A to 0.8V at 20°C |
| Charging Condition | : 300mA for 16 hrs at 20°C |
| Fast Charge | : 1500mA to 3000mA (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 | : 300mA maximum current for 1 year. No conspicuous deformation and/or Leakage |
| Weight | : 61.0g |
| Internal Resistance | : Average 4m Ω upon fully charged (Range 3-6m Ω) at 1000Hz |
| Max. Charging Voltage | : 1.5V at 300mA 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 |

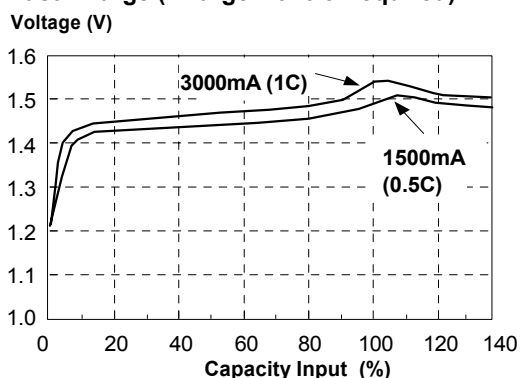
Model No.: GP300SCH



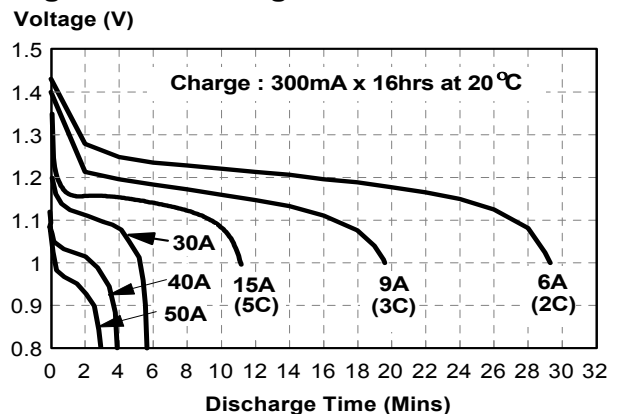
Low Rate Discharge



Fast Charge (Charge Control required)



High Rate Discharge



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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