

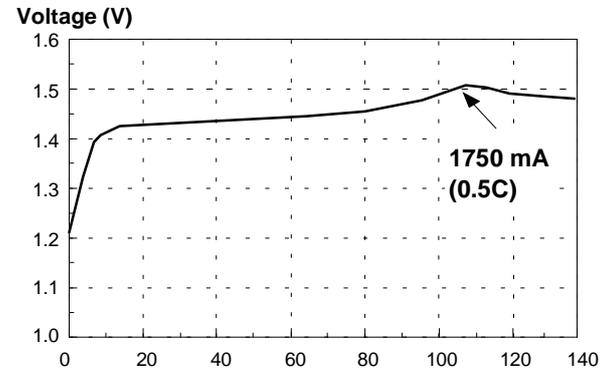
GP Batteries

Data Sheet

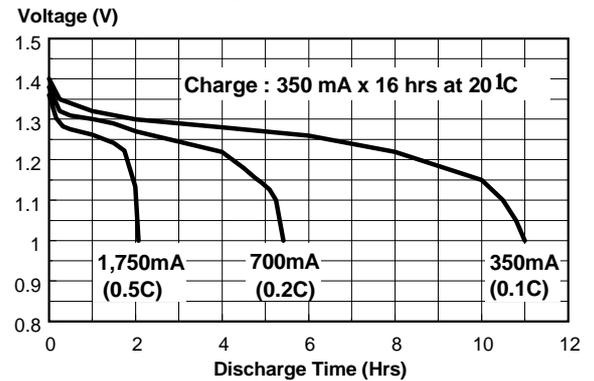
Model No.: GP350CHC

| | | |
|---------------------------------|--|-----------------|
| Type | : Rechargeable Nickel Metal Hydride Cylindrical Cell | |
| Nominal Dimension (with Sleeve) | : $\varnothing = 26.2\text{mm}$ H = 50.0mm | |
| Application | : Recommended discharge current 350mA to 10.5A | |
| Nominal Voltage | : 1.2V | |
| Nominal Capacity | : Minimum : 3480mAh Typical : 3500mAh when discharged at 700mA to 1.0V at 20°C | |
| Charging Condition | : 350mA for 16 hrs at 20°C | |
| Fast Charge | : 1750mA (0.5C) with charge termination control. Recommended control parameter : - ΔV : 0-5mV dT/dt : 0.8°C/min 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 | : 350mA maximum current No conspicuous deformation and/or leakage | |
| Weight | : 78.5g | |
| Internal Resistance | : Average 6m Ω upon fully charged (Range : 4-8m Ω) at 1000Hz | |
| Max. Charging Voltage | : 1.5V at 350mA charging | |
| Ambient Temperature Range | Standard Charging | : 0°C to 40°C |
| | Fast Charging | : 10°C to 40°C |
| | Discharging | : -20°C to 50°C |
| | Storage | : -20°C to 35°C |
| | Storage (1 week) | : -20°C to 60°C |

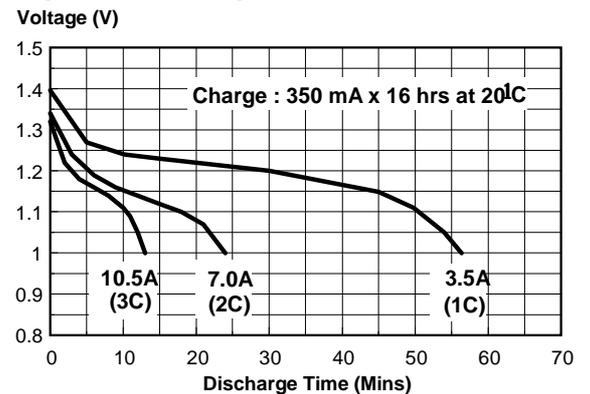
Fast Charge (Charge Control required)



Low Rate Discharge



High Rate Discharge



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