

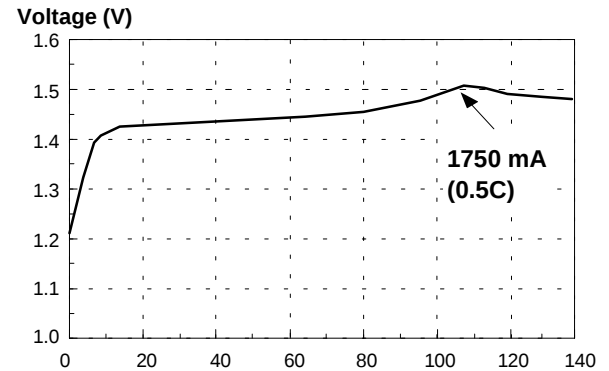
GP Batteries

Data Sheet

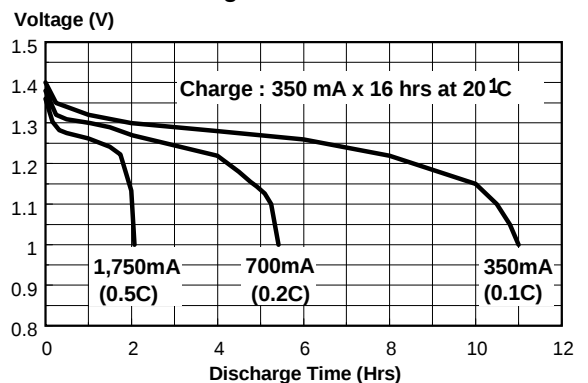
Model No.: GP350CHC

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

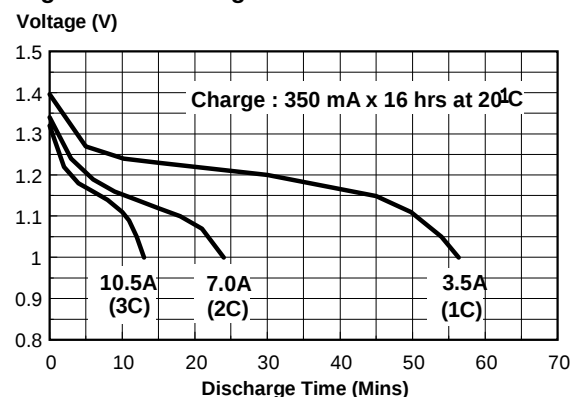
Fast Charge (Charge Control required)



Low Rate Discharge



High Rate Discharge



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