

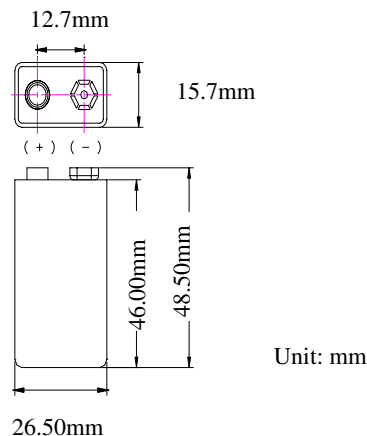


EN: This Datasheet/Document is presented by the manufacturer.

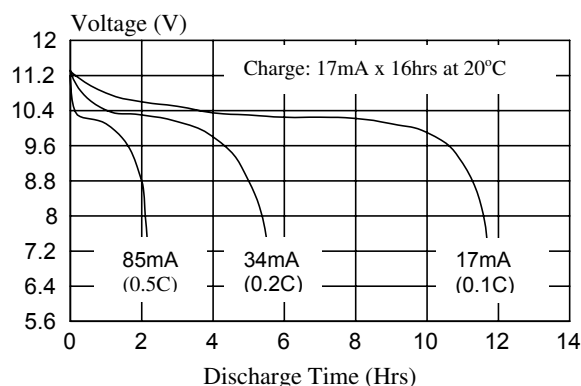
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Model No.: **GP17R9H**

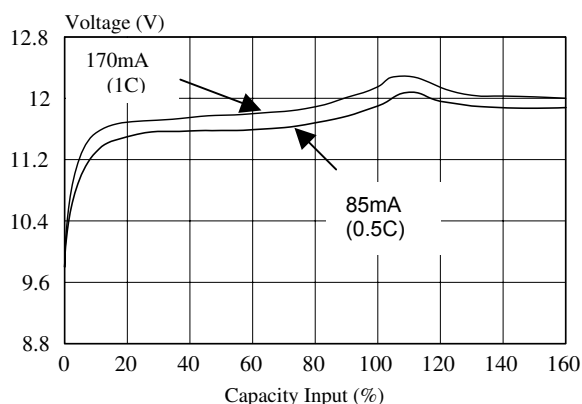
Type	: Rechargeable Nickel Metal Hydride Cylindrical Cell
Nominal Dimension (with Sleeve)	: 15.7mm(i) x 26.5mm(w) x 48.5mm(h)
Applications	: Recommended discharge current 17 to 510mA
Nominal Voltage	: 9.6V
Capacity	: Nominal: 170mAh Minimum: 170mAh Typical: 175mAh When discharged at 34mA to 8.0V at 20°C
Charging Condition	: 17mA for 16 hrs at 20°C
Fast Charge	: 85mA to 170mA (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) Up to 1000 cycle (not less than 60% of nominal at 0.1C charge / 0.2C discharge)
Continuous Overcharge	: 17mA maximum current for 1 year. No conspicuous deformation and/or leakage
Weight	: 36.0g
Internal Resistance	: Maximum 2000mΩ upon fully charged at 1000Hz
Max. Charging Voltage	: 12.0V at 17mA charging
Ambient Temperature Range	: Standard Charge : 0 to 45°C Fast Charging : 10 to 45°C Discharge : -20 to 50°C Storage : -20 to 35°C



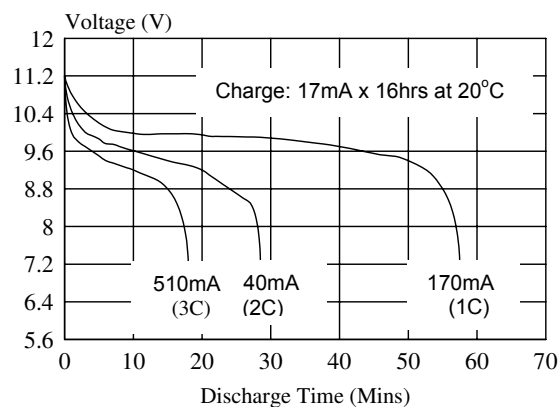
Low Rate Discharge



Fast Charge (Charge control required)



High Rate Discharge



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