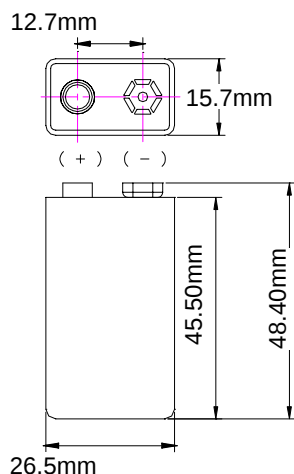


GP Batteries

Data Sheet

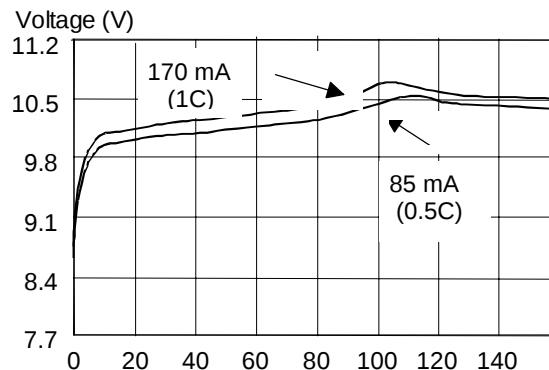
Model No.: GP17R8H

Type	: High Voltage Nickel Metal Hydride Rechargeable Battery
Nominal Dimension	: 15.7 mm (l) x 26.5 mm (w) x 48.4 mm (h)
Applications	: Recommended discharge current 17mA to 510mA
Nominal Voltage	: 8.4V
Capacity	: Minimum: 170mAh Typical: 175mAh when discharged at 0.2C to 1.0V at 20°C
Charging Condition	: 17mA for 14 hrs at 20°C
Fast Charge	: 85 mA to 170mA (0.5 to 1C) charge termination control recommended control parameters: - ΔV : 0 - 35mV 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
Service Life	: >500 cycles (IEC standard)
Continuous Overcharge	: 17 mA maximum current for 1 year No conspicuous deformation and/or leakage
Weight	: 32 g
Internal Resistance	: Maximum 2000 m Ω upon fully charged at 1000Hz
Max. Charging Voltage	: 10.5 V at 17 mA charging
Ambient Temperature Range	Standard Charging : 0 to 45°C Fast Charging : 10 to 45°C Discharging : -20 to 50°C Storage : -20 to 35°C

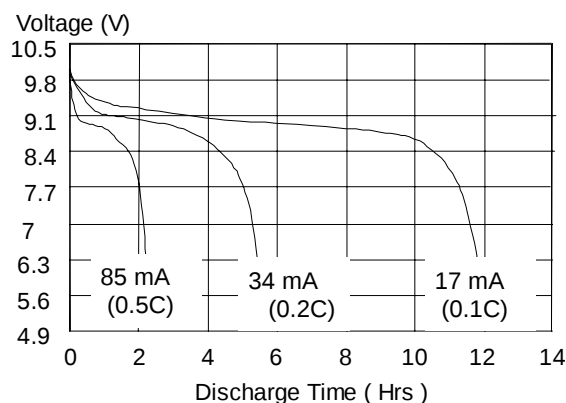


Unit: mm

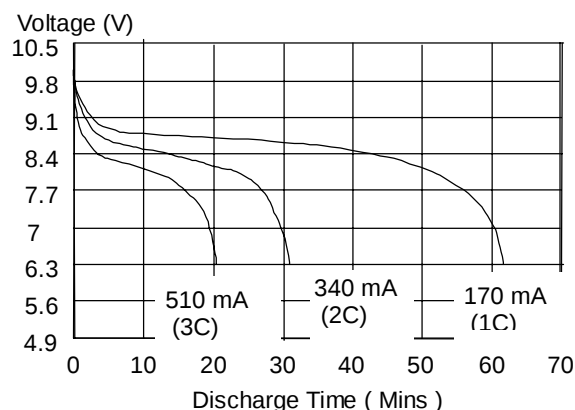
Fast Charge (Charge control required)



Low Rate Discharge



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.