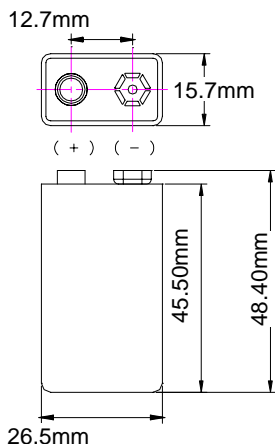


GP Batteries

Data Sheet

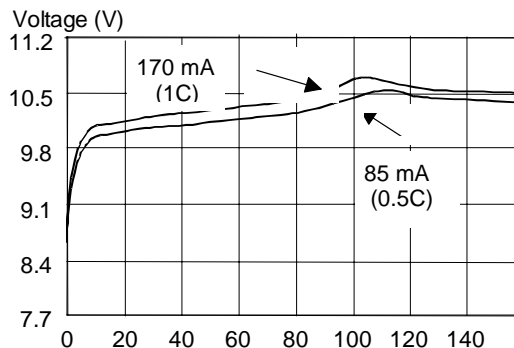
Model No.: GP17R8H

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 mΩ 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

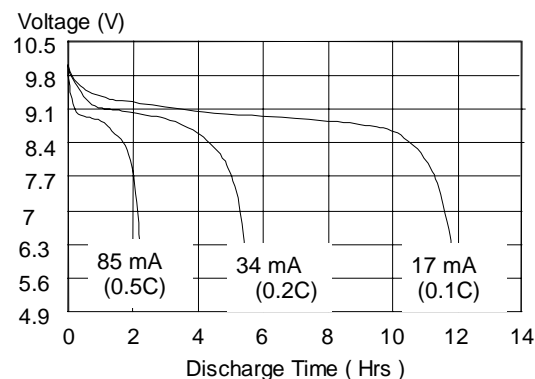


Unit: mm

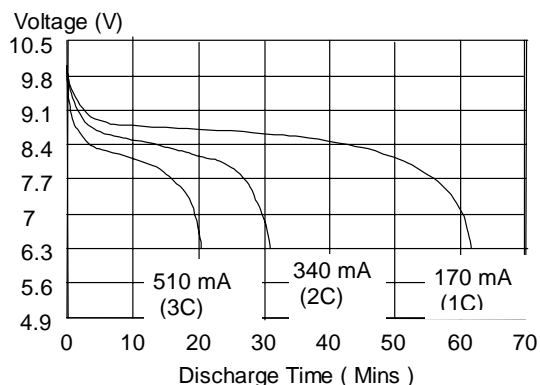
Fast Charge (Charge control required)



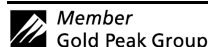
Low Rate Discharge



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.



Manufacturer reserves the right to alter or amend the design, model and specification without prior notice.

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