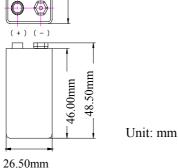
# **GP** Batteries

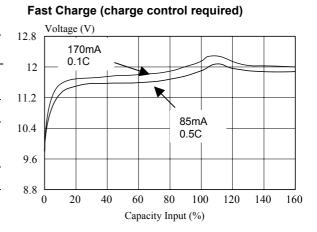
### Data Sheet

`Туре	:	Rechargeable Nickel Metal Hydride Cylindrical Cell
Nominal Dimension (with Sleeve)		15.7 mm(l) x 26.5 mm(w) x 48.5 mm(h)
Applications	:	Recommended discharge current 17 to 510 mA
Nominal Voltage	:	9.6V
Capacity	:	Minimum: 170 mAh Typical: 175 mAh when discharged at 0.2C to 1.0V at 20°C
Charging Condition	:	17 mA for 16 hrs at 20°C
Fast Charge	:	$\begin{array}{l} 85 \text{ mA to 170 mA (0.5 to 1C)} \\ \text{charge termination control recommended} \\ \text{control parameters:} \\ -\Delta V  : 0 - 40 \text{mV} \\ \text{DT/dt }^{**} : 0.8^{\circ}\text{C/min (0.5 to 0.9C)} \\  : 0.8 - 1^{\circ}\text{C/min (1C)} \\ \text{TCO }^{**} : 45 - 50^{\circ}\text{C} \\ \text{Timer }^{**} : 105\% \text{ nominal input} \\ ^{**} \text{ For reference only} \end{array}$
Service Life	:	>500 cycles (IEC standard)
Continuous Overcharge	:	17 mA maximum current for 1 year No conspicuous deformation and/or leakage
Weight	:	36.0 g
Internal Resistance	:	Maximum 2000 m $\Omega$ upon fully charged at 1000HZ
Max. Charging Voltage	:	12V at 17 mA charging
Ambient Temperature Range	:	Standard Charging:0 to 45°CFast Charging:10 to 45°CDischarging:-20 to 50°CStorage:-20 to 35°C

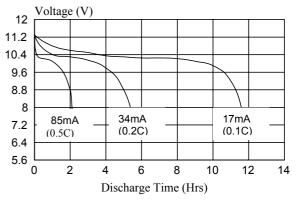
## 12.7mm



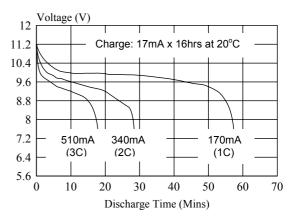
## Model No.: GP17R9H



#### 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.

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Manufacturer reserves the right to alter or amend the design, model and specification without prior notice. TRS0203 Rev.09