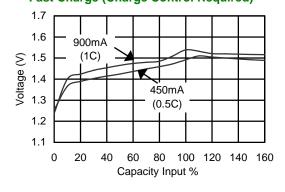


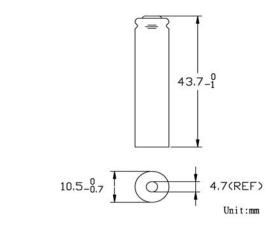
# DATA SHEET

Type       : Rechargeable Nickel Metal Hydride Cylindrical Cell         Nominal Dimension (with Sleeve)       Φ = 10.5mm         Applications       : Recommended discharge current 90 to 2700mA         Nominal Voltage       : 1.2V         Capacity       : Rated: 900mAh Typical: 920mAh When discharged at 180mA to 1.0V at 20°C         Charging Condition       : 90mA for 16 hrs at 20°C         Charging Retention       : 70% of rated capacity after cell storage at 20°C for 6 months, 50% of nominal capacity after cell storage at 20°C for 1year When discharged at 180mA to 1.0V at 20°C         Fast Charge       : 450mA to 900mA (0.5 to 1C) charge termination control recommended control parameters: -ΔV : 0-5mV DT/dt : 0.8°C/min (0.5 to 0.9C)         DT/dt       : 0.8°C/min (0.5 to 0.9C)		
Nominal Dimension (with Sleeve)       : Φ = 10.5mm         Applications       : Recommended discharge current 90 to 2700mA         Nominal Voltage       : 1.2V         Capacity       : Rated: 900mAh Typical: 920mAh When discharged at 180mA to 1.0V at 20°C         Charging Condition       : 90mA for 16 hrs at 20°C         Charging Retention       : 70% of rated capacity after cell storage at 20°C for 6 months, 50% of nominal capacity after cell storage at 20°C for 1year When discharged at 180mA to 1.0V at 20°C         Fast Charge       : 450mA to 900mA (0.5 to 1C) charge termination control recommended control parameters: -ΔV : 0-5mV DT/dt : 0.8°C/min (0.5 to 0.9C)	Type :	Rechargeable Nickel Metal
(with Sleeve)       H = 43.7mm         Applications       : Recommended discharge current 90 to 2700mA         Nominal Voltage       : 1.2V         Capacity       : Rated: 900mAh Typical: 920mAh When discharged at 180mA to 1.0V at 20°C         Charging Condition       : 90mA for 16 hrs at 20°C         Charging Retention       : 70% of rated capacity after cell storage at 20°C for 6 months, 50% of nominal capacity after cell storage at 20°C for 1year When discharged at 180mA to 1.0V at 20°C         Fast Charge       : 450mA to 900mA (0.5 to 1C) charge termination control recommended control parameters: -ΔV : 0-5mV DT/dt : 0.8°C/min (0.5 to 0.9C)		Hydride Cylindrical Cell
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90 to 2700mA	(with Sleeve)	H = 43.7mm
Nominal Voltage       : 1.2V         Capacity       : Rated: 900mAh Typical: 920mAh When discharged at 180mA to 1.0V at 20°C         Charging Condition       : 90mA for 16 hrs at 20°C         Charging Retention       : 70% of rated capacity after cell storage at 20°C for 6 months, 50% of nominal capacity after cell storage at 20°C for 1year When discharged at 180mA to 1.0V at 20°C         Fast Charge       : 450mA to 900mA (0.5 to 1C) charge termination control recommended control parameters: -ΔV : 0-5mV DT/dt : 0.8°C/min (0.5 to 0.9C)	Applications :	Recommended discharge current
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When discharged at 180mA to 1.0V at 20°C  Charging Condition : 90mA for 16 hrs at 20°C  Charging Retention : 70% of rated capacity after cell storage at 20°C for 6 months, 50% of nominal capacity after cell storage at 20°C for 1 year  When discharged at 180mA to 1.0V at 20°C  Fast Charge : 450mA to 900mA (0.5 to 1C) charge termination control recommended control parameters:  -ΔV : 0-5mV  DT/dt : 0.8°C/min (0.5 to 0.9C)	Capacity :	
1.0V at 20°C  Charging Condition : 90mA for 16 hrs at 20°C  Charging Retention : 70% of rated capacity after cell storage at 20°C for 6 months, 50% of nominal capacity after cell storage at 20°C for 1 year  When discharged at 180mA to 1.0V at 20°C  Fast Charge : 450mA to 900mA (0.5 to 1C) charge termination control recommended control parameters:  -ΔV : 0-5mV  DT/dt : 0.8°C/min (0.5 to 0.9C)		
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20°C  Fast Charge : 450mA to 900mA (0.5 to 1C) charge termination control recommended control parameters: -ΔV : 0-5mV DT/dt : 0.8°C/min (0.5 to 0.9C)		
Fast Charge : 450mA to 900mA (0.5 to 1C) charge termination control recommended control parameters: -∆V : 0-5mV DT/dt : 0.8°C/min (0.5 to 0.9C)		
charge termination control recommended control parameters: -∆V : 0-5mV DT/dt : 0.8°C/min (0.5 to 0.9C)		
recommended control parameters: -∆V : 0-5mV DT/dt : 0.8°C/min (0.5 to 0.9C)	Fast Charge :	
-∆V : 0-5mV DT/dt : 0.8°C/min (0.5 to 0.9C)		
DT/dt : 0.8°C/min (0.5 to 0.9C)		·
		4.
$0.8 - 1^{\circ}C/min (1C)$		
		0.8 - 1°C/min (1 <b>C</b> )
TCO : 45 - 50°C		=
Timer : 105% nominal input		
(for ref. only)		
Service Life : > 500 cycles (IEC standard)		
Continuous : 90mA maximum current for 1 year.		
Overcharge No conspicuous deformation and/or		
leakage		
Weight : 15.2g		
Internal Resistance : Average 40mΩ upon fully charged		
(Max. 55mΩ) at 1000Hz		
Max. Charging Voltage : 1.5V at 90mA charging		
Ambient Temperature : Standard Charge : 0 to 45°C		· ·
Range Fast Charging : 10 to 45℃	Range	
Discharge : -20 to 50°C		· ·
Storage : -20 to 35°C		Storage : -20 to 35°C

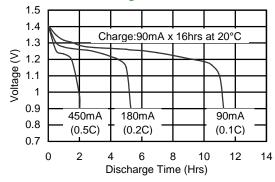
### Fast Charge (Charge Control Required)



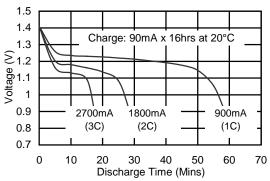
## Model No.: GP95AAAH



#### Low Rate Discharge



### **High Rate Discharge**



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www.gpbatteries.com

TRS0806 rev.02

