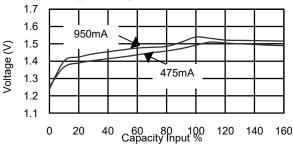


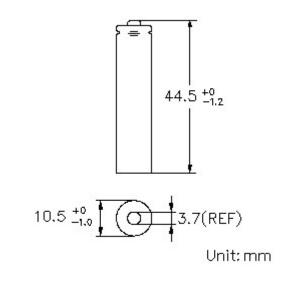
DATA SHEET

Type :	Rechargeable Nickel Metal
	Hydride Cylindrical Cell
Recycled material	Rechargeable Nickel Metal Hydride
content	Battery Made with Minimum 10%
	Recycled materials
Nominal Dimension :	Φ = 10.5mm
(with Sleeve)	H = 44.5mm
Applications :	Recommended discharge current
	95 to 2850mA
Nominal Voltage :	1.2V
Capacity :	Rated: 950mAh
	Typical: 990mAh
	When discharged at 190mA to
	1.0V at 20℃
Charging Condition :	95mA for 16 hrs at 20℃
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 190mA to 1.0V at
	20°C
Fast Charge :	475mA to 950mA (0.5 to 1C)
	charge termination control
	recommended control parameters:
	-∆V : 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)
Continuous :	95mA maximum current for 1 year.
Overcharge	No conspicuous deformation and/or
	leakage
Weight :	15.2g
Internal Resistance	Average $40 \text{m}\Omega$ upon fully charged
	(Max. 55mΩ) at 1000Hz
Max. Charging Voltage :	1.5V at 95mA charging
Ambient Temperature :	Standard Charge : 0 to 45℃
Range	Fast Charging : 10 to 45℃
	Discharge : -20 to 50℃
	Storage : -20 to 35℃

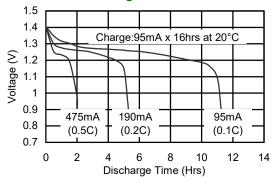
Fast Charge (Charge Control Required)



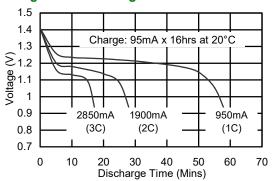
Model No.: GP100AAAHCE



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.

www.gpbatteries.com

TRS1140 rev.00

