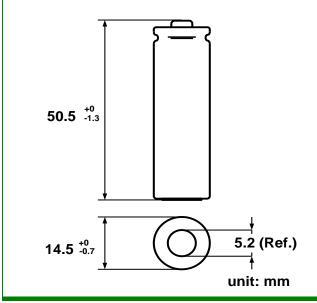


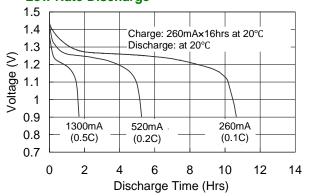
# **DATA SHEET**

Type :	Rechargeable Nickel Metal
	Hydride Cylindrical Cell
Nominal Dimension :	$\Phi$ = 14.5mm
(with Sleeve)	H = 50.5mm
Applications :	Recommended discharge current
Naminal Valtage	260 to 7800mA 1.2V
Nominal Voltage :	
Capacity :	Nominal: 2600mAh Minimum: 2600mAh
	Typical: 2600mAh
	When discharged at 520mA to
	1.0V at 20°C
Charging Condition :	260mA for 16 hrs at 20°C
Charging Retention :	
Charging Retention :	70% of nominal capacity after cell storage at 20°C for 1 year
	When discharged at 520mA to 1.0V at
	20°C
Fast Charge :	1300mA to 2600mA (0.5 to 1C)
	charge termination control
	recommended control parameters:
	-AV : 0-5mV
	DT/dt : 0.8°C/min (0.5 to 0.9C)
	0.8 - 1°C/min (1C)
	TCO : 45 - 50°C
	Timer : 100% nominal input
	(for ref. only)
Service Life :	>300 cycles (IEC standard)
Continuous :	260mA maximum current for 1 year.
Overcharge	No conspicuous deformation and/or
-	leakage
Weight :	31.0g
Internal Resistance	Average 20mΩ upon fully charged
	(Max.28mΩ) at 1000Hz
Max. Charging Voltage :	
Ambient Temperature :	Standard Charge : 0 to 45°C
Range	Fast Charging : 10 to 45℃
	Discharge : -20 to 50℃
	Storage : -20 to 35°C

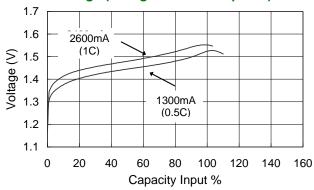
## Model No.: 270AAHC



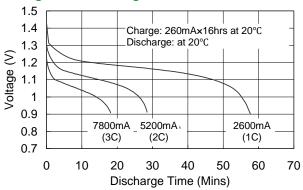
### **Low Rate Discharge**



### **Fast Charge (Charge Control Required)**



### **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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MRS6296 rev.00

