

HD8000B Cell (Consumer)

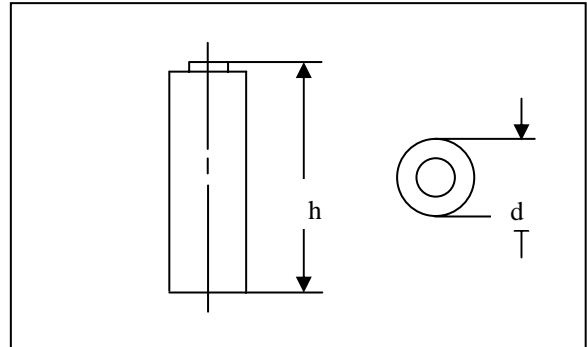
Data Sheet

NO: D0183

Sealed rechargeable Ni-MH cylindrical cell

Cell Dimensions (shrink sleeve)

Diameter	33.0 /-0.7mm
Height	61.5 /-1.5mm
Approximate Weight	156g



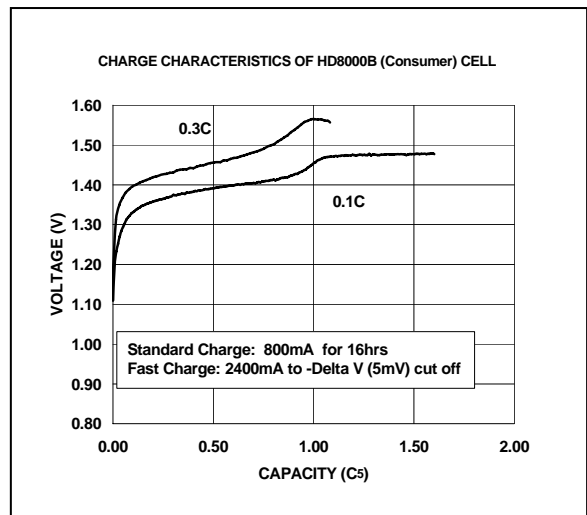
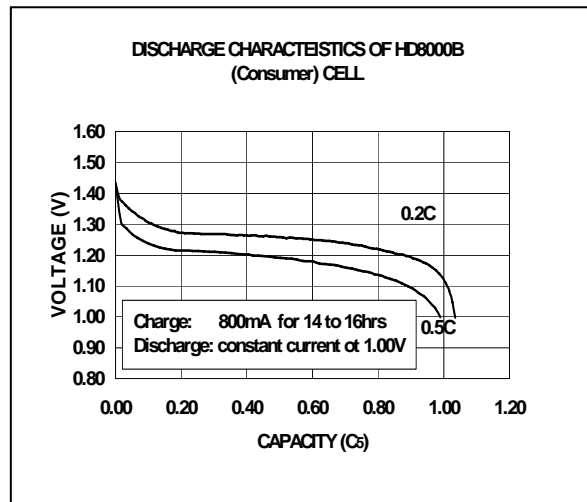
Specifications

Nominal Voltage		1.2V	
0.2C Discharge Capacity*	Typical*	8250mAh	
	Nominal	8000mAh	
Typical Internal Impedance At 1kHz, fully charged, RT		6mOhm	
Charge	Standard	800mA for 14 to 16hrs.	
	Fast***	2400mA for 3.6 hrs (-delta V or dT/dt controlled)	
Life Expectancy		500 cycles	
Operating Temperature	Charge	Standard	0°C to 40°C
		Fast	10°C to 35°C
	Discharge		-10°C to 50°C
	Storage	< 6 months	-20°C to 30°C
< 3 months		-20°C to 40°C	

* After charging for 16hrs with 0.1C

** Average capacity

*** 5mV or 1°C per min.



Subject to change without prior notice