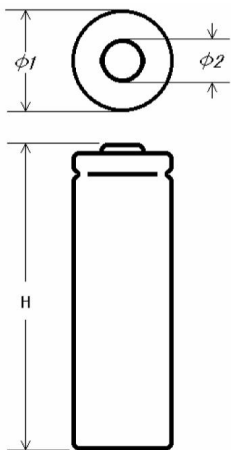


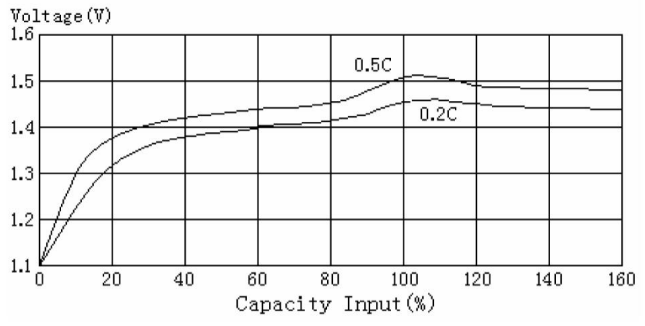
Data Sheet

Model No.: H-D8000H

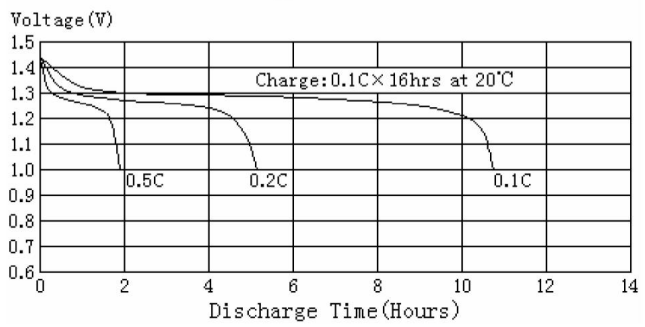
Type	: Rechargeable Nickel Metal Hydride Cylindrical Cell
Nominal Dimension (With Sleeve)	: $\Phi 1=32.5 \pm 0.5\text{mm}$ $\Phi 2=8.0\text{mm}$ H=59.5 \pm 0.5mm
Applications	: Recommended discharge current 800 to 16000 mA
Nominal Voltage	: 1.2V
Capacity	: Minimum: 8000mAh Typical: 8100 mAh (when discharge at 0.2C to 1.0V at 20°C)
Charging Condition	: 800mA for 16 Hrs at 20°C
Fast Charge	: 1600mA to 4000mA (0.2C to 0.5C) Charge termination control recommended control parameters: - ΔV : 0~10mV dT/dt : 0.8°C/min (0.5C to 0.9C) 0.8~1°C/min (1C) TCO : 45~50°C Timer : 130% to 110% nominal input
Service Life	: >500 cycles (IEC standard)
Continuous Overcharge	: 800mA maximum permissible Current No conspicuous deformation and/or leakage
Weight	: About 150g
Internal Resistance	: Average 8m Ω upon fully charged range 6~12m Ω at 1000Hz
Max. Charging Voltage	: 1.5V at 800mA charging
Ambient Temperature Range	Standard Charging: 0 to 45°C Fast Charging : 10 to 40°C Discharging : -20 to 65°C Storage : -20 to 35°C



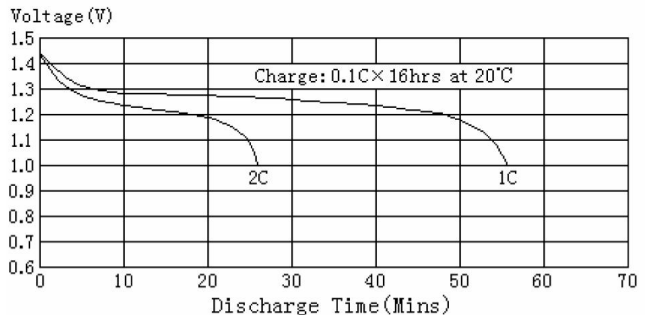
Fast Charge (Charge control required)



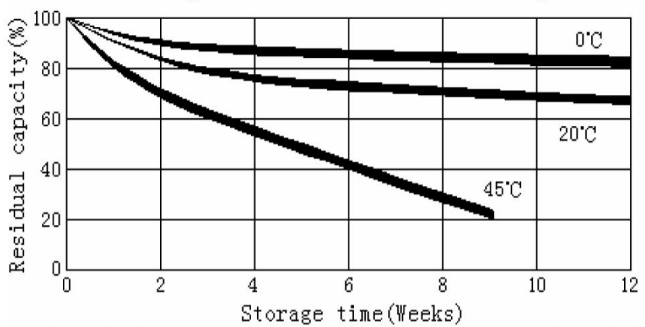
Low Rate Discharge



High Rate Discharge



Self Discharge at various Ambient Temp



The above information is generally descriptive only and is not intended as guarantee or warranty cell and battery specifications are subject to change without notice. All descriptions or warranties are contained solely in specification sheets accompanying formal offers.

Please consult for conditions of application outside in this document.