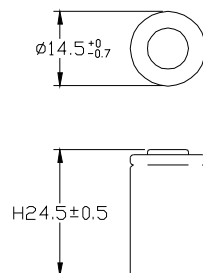


## Data Sheet for SN-1/2AA50H

### Specifications

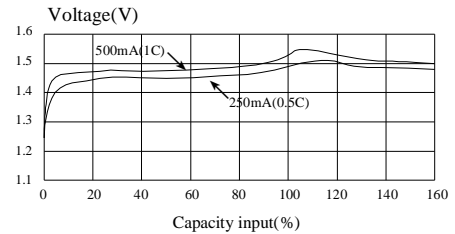
Type	Rechargeable Nickel Metal Hydride Cylindrical Cell	
Model	SN-1/2AA50H	
Nominal Voltage	1.2V	
Applications	50-1500mA(Recommended Discharge Current)	
Capacity	when discharge at 100mA to 1.0V at 20°C	
	Nominal	500mAh
	Minimum	485mAh
Dimensions	Diameter	14.5 ± <sub>0.7</sub> mm
	Height	24.5± 0.5mm
Charge Condition	50mA for 16hrs at 20°C	
Rapid Charge	250mA to 500mA (0.5C to 1C) Charge termination control recommended control parameters: Timer CutOff =120% -ΔV= 5-10mV/cell dT/dt = 1~2°C/3min Temp. CutOff = 50°C (122° F) Ta=10~45°C	
Internal Resistance	Average 45mΩ upon fully charged (Range 35-55mΩ ) at 1000Hz	
Service Life(IEC standard)	≥500 cycles	
Weight	About 10.0g	
Ambient Temperature	Standard Charging	0°C to 45°C
	Fast Charging	10°C to 45°C
	Discharging	-20°C to 65°C
	Storage	-20°C to 35°C

Unit: mm

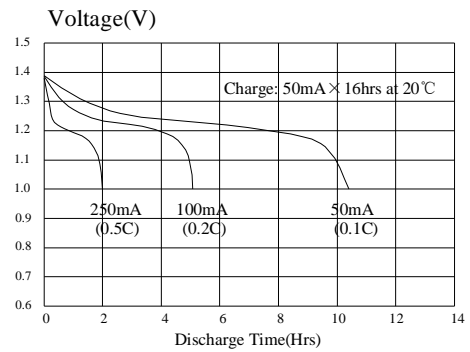


### Characteristics

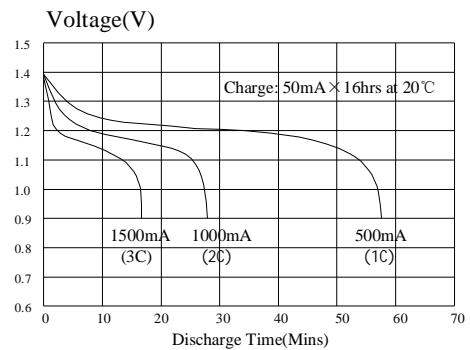
#### Fast Charge (Charge control required)



#### Low Rate Discharge



#### High Rate Discharge



#### Note:

1. Nominal capacity rated at 0.2C, 20° C.
2. 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 SANIK for conditions of application outside those described in this document.

SANIK BATTERY CO.,LTD.