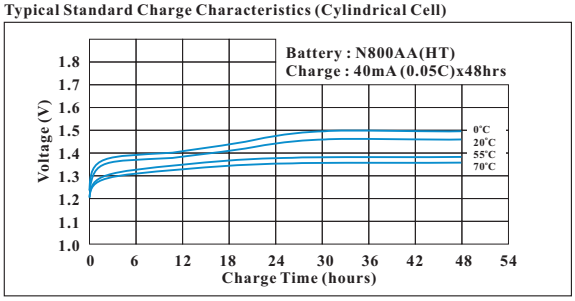
NICD RECHARGEABLE CYLINDRICAL BATTERY

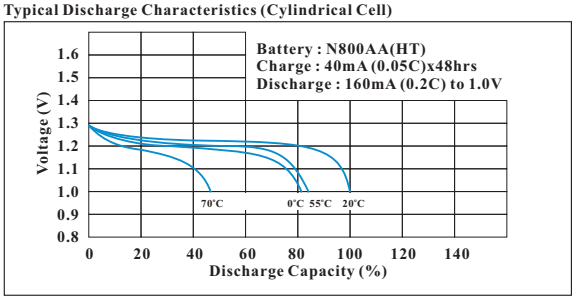
SPECIFICATIONS

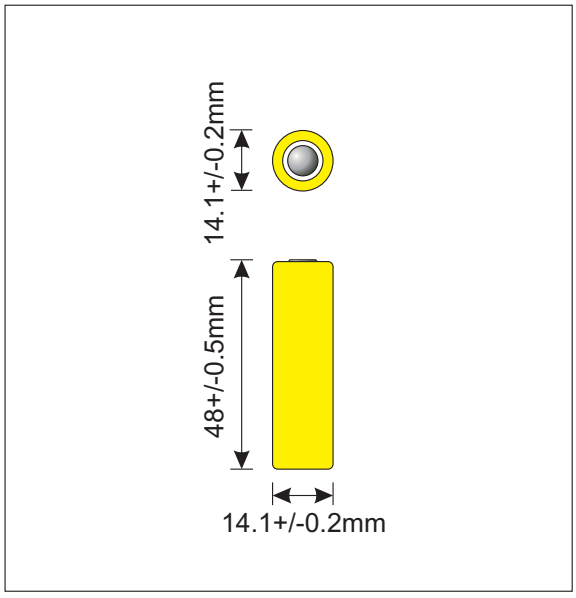
Model	:	N800AA(HT)
Description	:	NiCd rechargeable battery, 'AA' size, flat cap, high temperature
Nominal Capacity	:	800 mAh at 160mA rate discharge (3 cycles allowed)
Nominal Voltage	:	1.2 Volt (After charge)
Cut-Off Voltage	:	1.0 Volt
End of Charge Voltage	:	<= 1.6 Volt
Approx. Weight	:	21 gram
Internal Resistance	:	<= 26mOhm per cell (1KHz AC test upon full charge)
Life Duration	:	>= 50 cycles (Comply to IEC 61951-1 Ed. 4.0:2017)
Charge	:	Trickle - 24-40 mA Recommend/Standard - 80 mA x 14-16 hours
Temperature Environment	:	Standard and trickle charge - 0 degC to 70 degC Discharge - -20 degC to 70 degC Storage - -20 degC to 30 degC
Permanent Charge	:	Comply to IEC 61951-1 Ed. 4.0:2017 Section 7.5.2
Charge Retention	:	>60% for 28 days storage after standard charge
Leakage	:	No leakage, No explosion under standard operating condition
Vibration Test (for cell)	:	Battery remain normal after vibration at Amp: 4mm; Freq.: 1000/min for 60 min.
Shock Test (for cell)	:	Battery remain normal after dropping from 450mm to an Oak board for 3 times

Typical Standard Charge Characteristics (Cylindrical Cell)

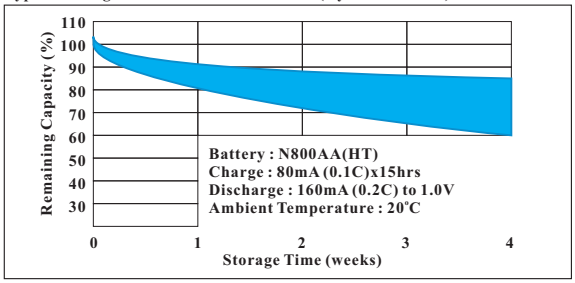


Typical Discharge Characteristics (Cylindrical Cell)

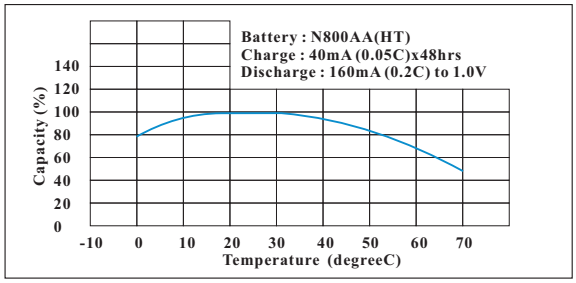




Typical Charge Retention Characteristics (Cylindrical Cell)



Typical Discharge Capacity



Information is for references only. Performance varies with time, usage and storage condition. 1 year limited guarantee against manufacturing defects. Other problem caused by misuse, mishandling of cell, or malfunction of equipment, is not under the warranty.