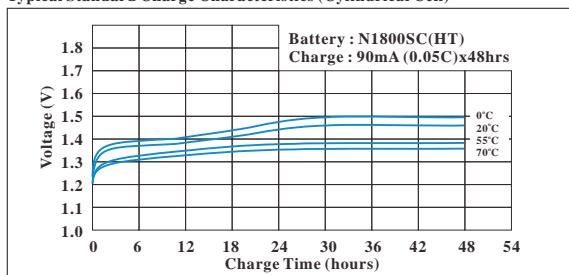


NICD RECHARGEABLE CYLINDRICAL BATTERY

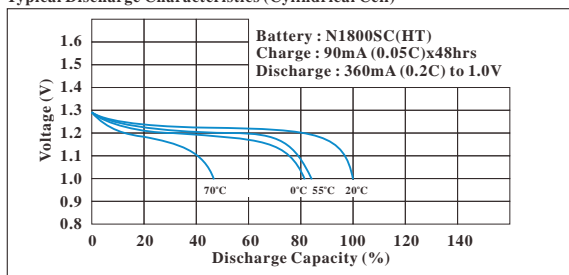
SPECIFICATIONS

Model	:	N1800SC(HT)
Description	:	NiCd rechargeable battery, 'SC' size, flat cap, high temperature
Nominal Capacity	:	1800 mAh at 360mA 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	:	48 gram
Internal Impedance	:	$\leq 15\text{m}\Omega$ per cell (1KHz AC test upon full charge)
Life Duration	:	≥ 500 cycles (Comply to IEC 61951-1 Ed. 4.0:2017)
Charge	:	Trickle - 54-90 mA
Temperature Environment	:	Standard and Trickle charge - 0°C to 70°C Discharge - -20°C to 70°C Storage - -20°C to 30°C
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

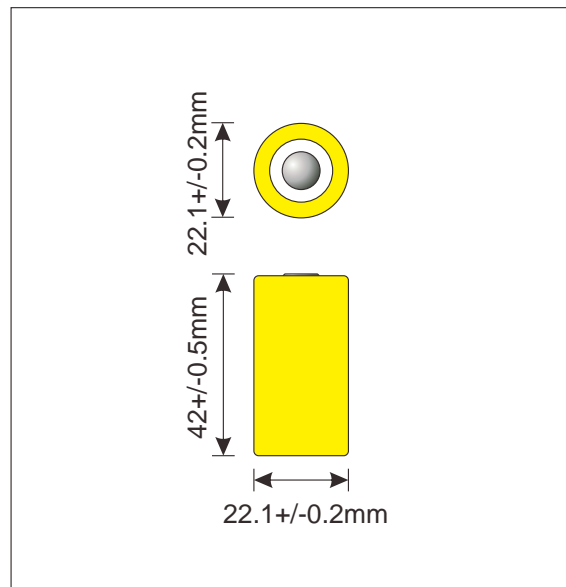
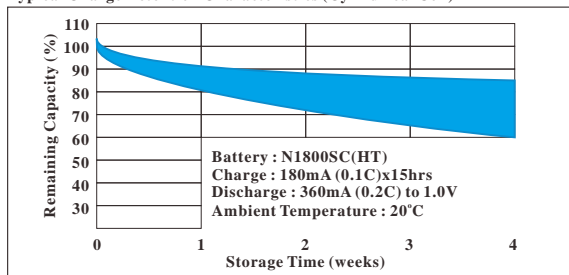
Typical Standard Charge Characteristics (Cylindrical Cell)



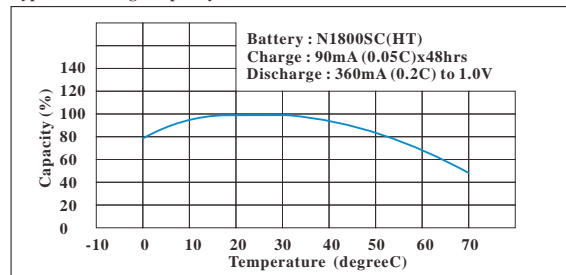
Typical Discharge Characteristics (Cylindrical Cell)



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.

Model : N1800SC(HT)
Version : 2.90

WELL LINK
INDUSTRIAL LIMITED

IFC04-4