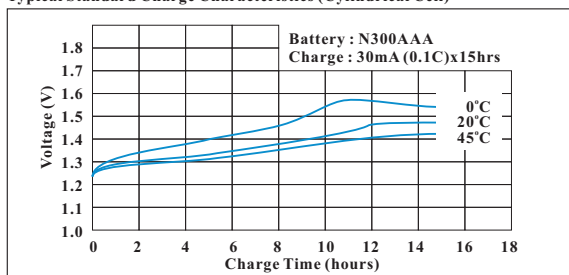


NICD RECHARGEABLE CYLINDRICAL BATTERY

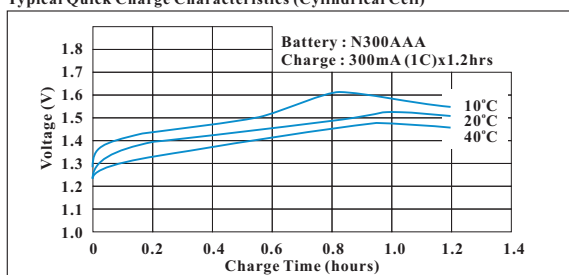
SPECIFICATIONS

| | | |
|---------------------------|---|--|
| Model | : | N300AAA |
| Description | : | NiCd rechargeable battery, 'AAA' size, flat cap |
| Nominal Capacity | : | 300 mAh at 60mA 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 | : | 9 gram |
| Life Duration | : | ≥ 500 cycles (Comply to IEC 61951-1 Ed. 4.0:2017) |
| Charge | : | Trickle - 9-15 mA Recommend/Standard - 30 mA x 14-16 hours Quick - 300 mA x 1.2 hours (with cut-off control) |
| Temperature Environment | : | Standard charge - 0 degC to 45 degC Quick charge - 10 degC to 40 degC Discharge - -20 degC to 60 degC Storage - -20 degC to 40 degC |
| Trickle Charge | : | 9mA for 28 days, no leakage, no explosion |
| 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 |

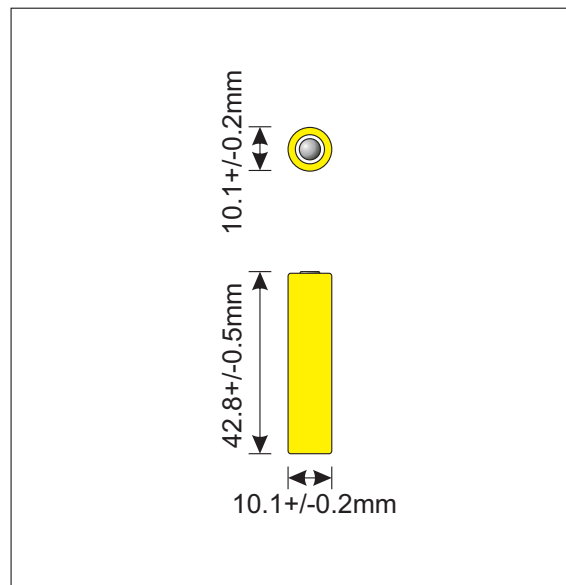
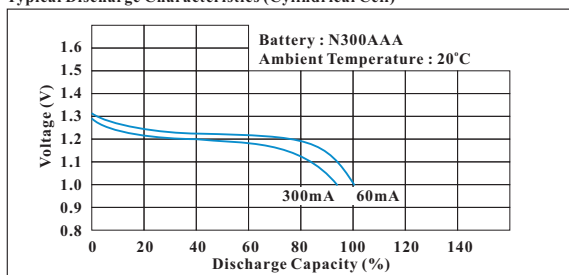
Typical Standard Charge Characteristics (Cylindrical Cell)



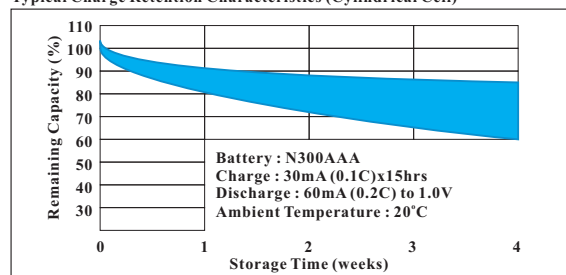
Typical Quick Charge Characteristics (Cylindrical Cell)



Typical Discharge Characteristics (Cylindrical Cell)



Typical Charge Retention Characteristics (Cylindrical Cell)



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.