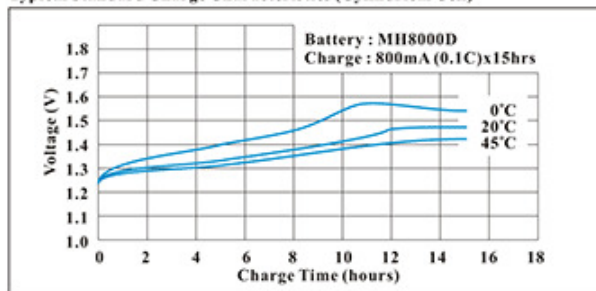


NIMH RECHARGEABLE CYLINDRICAL BATTERY

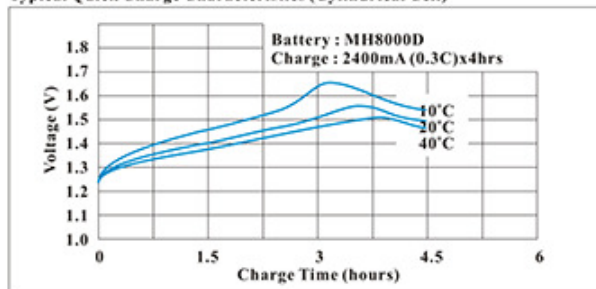
SPECIFICATIONS

| | | |
|--------------------------|---|--|
| Model | : | MH8000D |
| Description | : | NiMH rechargeable battery, 'D' size, flat cap |
| Nominal Capacity | : | 8000 mAh at 1600mA 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 |
| End of Discharge Voltage | : | ≥ 0.9 Volt |
| Weight | : | 153 gram |
| Life Duration | : | ≥ 500 cycles (Comply to IEC 61951-2 2nd Ed. 2003-04) |
| Charge | : | Trickle - 240-400 mA Standard - 800 mA x 14 hours Quick - 4000 mA x 2.5 hours (with cut-off control) |
| Recharge | : | Every 3-6 months recommended |
| 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 | : | 240mA 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 | : | Battery remain normal after vibration at Amp: 4mm; Freq.: 1000/min for 60 min. |
| Shock | : | Battery remain normal after dropping from 450mm to an Oak board for 3 times |

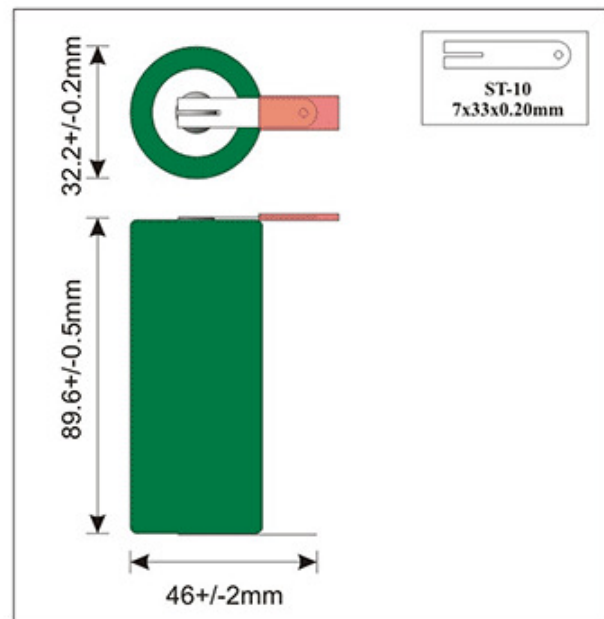
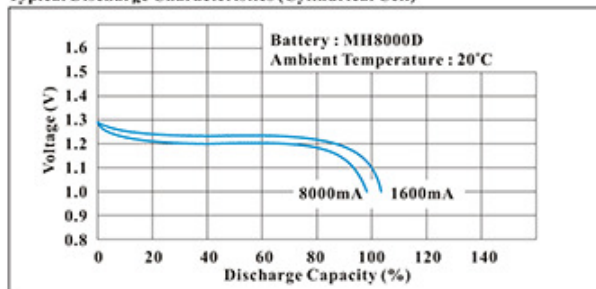
Typical Standard Charge Characteristics (Cylindrical Cell)



Typical Quick Charge Characteristics (Cylindrical Cell)



Typical Discharge Characteristics (Cylindrical Cell)



Typical Storage Characteristics (Cylindrical Cell)

