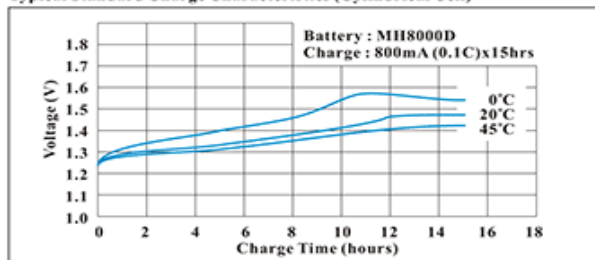


NIMH RECHARGEABLE CYLINDRICAL BATTERY

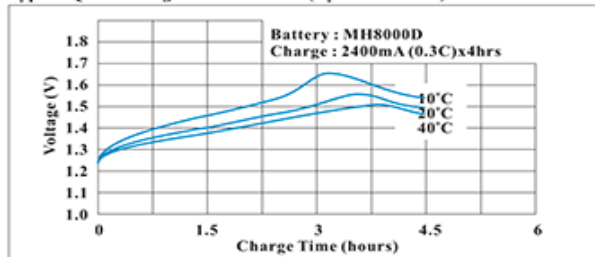
SPECIFICATIONS

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

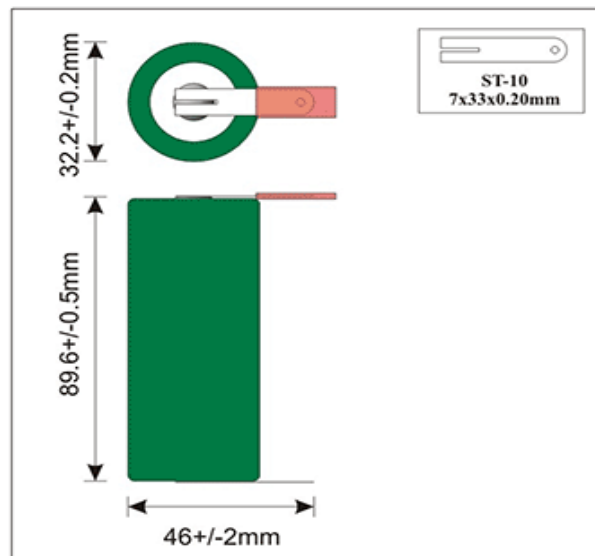
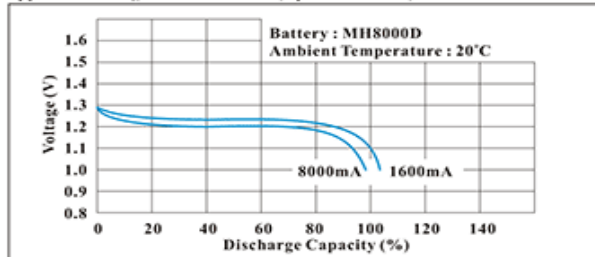
Typical Standard Charge Characteristics (Cylindrical Cell)



Typical Quick Charge Characteristics (Cylindrical Cell)



Typical Discharge Characteristics (Cylindrical Cell)



Typical Storage Characteristics (Cylindrical Cell)

