

## 1. SPECIFICATION FOR NM18670HT BATTERY CELL:

This specification is suitable for the performance of the NM18670 cylindrical Ni-MH cell.

<b>Description</b>	Ni-MH rechargeable battery
<b>Nominal Capacity</b>	4500mah @ 900ma discharge rate
<b>Nominal Voltage</b>	1.2V
<b>Cut Off Voltage</b>	1.0V
<b>End of charge voltage</b>	1.6V max.
<b>End of discharge voltage</b>	0.9V mini.
<b>Weight</b>	67g
<b>Life</b>	Over 500 cycles according to IEC 61951-2
<b>Trickle Charge</b>	135~225ma (28 days for I < 135mA)
<b>Standard Charge</b>	450ma for 14hrs
<b>Quick Charge</b>	1250ma for 14hrs
<b>Storage recharge</b>	3~6 months
<b>Charge retention</b>	>60% for 28 days (after standard charge)
<b>Standard charge temp.</b>	0~45°C
<b>Quick charge temp.</b>	10~40°C
<b>Discharge temp.</b>	-20~60°C
<b>Storage temp.</b>	-20~40°C
<b>Leakage</b>	No leakage, No explosion under standard operating condition
<b>Vibrations</b>	Battery remain normal after 4mm alternative vibration at 16,6Hz for 60 min.
<b>Shocks</b>	Battery remain normal after dropping from 450mm to the floor for 3 times
<b>Dimensions</b>	(D) 18,3 x (L) 70,5 mm
<b>Colour</b>	Green
<b>Marking</b>	NM18670-xx

## 2. CURVES:

<b>A</b>	<b>NM18670</b>	<b>Engineering Data</b>	<b>May 30-2008</b>
<b>Rev.</b>	<b>Model</b>	<b>Description</b>	<b>Date</b>   p.1/1