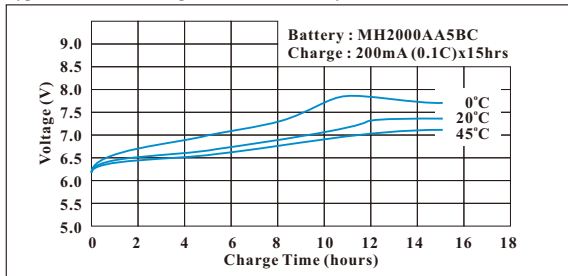


# NIMH RECHARGEABLE CYLINDRICAL BATTERY

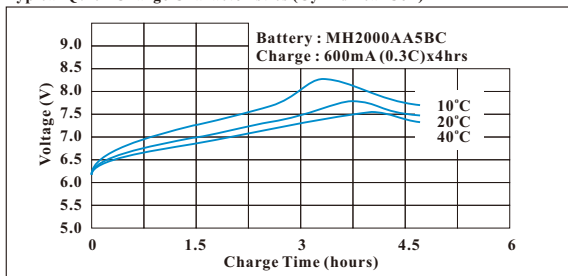
## SPECIFICATIONS

Model	:	MH2000AA5BC
Description	:	NiMH rechargeable battery, 'AA' size, flat cap
Nominal Capacity	:	2000 mAh at 400mA rate discharge (3 cycles allowed)
Nominal Voltage	:	6.0 Volt (After charge)
Cut-Off Voltage	:	5.0 Volt
End of Charge Voltage	:	$\leq 8.0$ Volt
End of Discharge Voltage	:	$\geq 4.5$ Volt
Weight	:	145 gram
Life Duration	:	$\geq 500$ cycles (Comply to IEC 61951-2 2nd Ed. 2003-04)
Charge	:	Trickle - 60-100 mA Standard - 200 mA x 14 hours Quick - 600 mA x 4 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	:	60mA 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

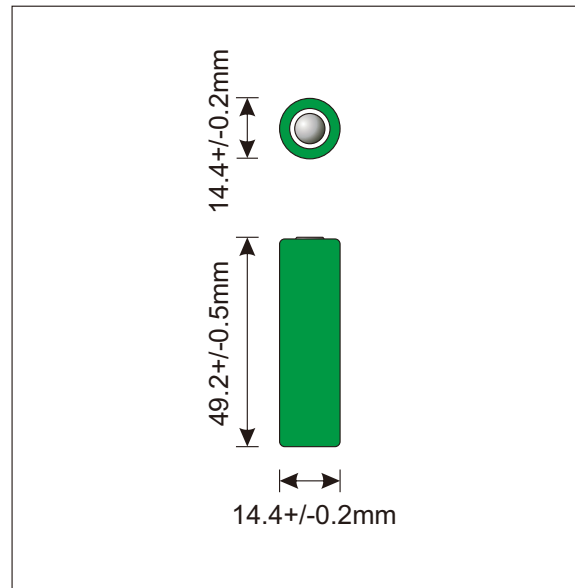
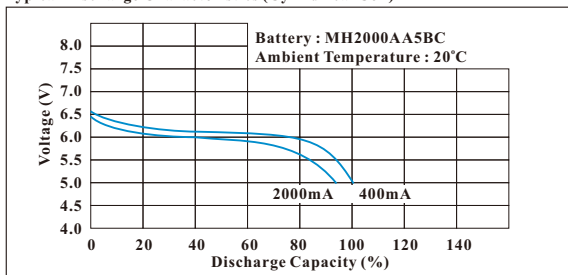
Typical Standard Charge Characteristics (Cylindrical Cell)



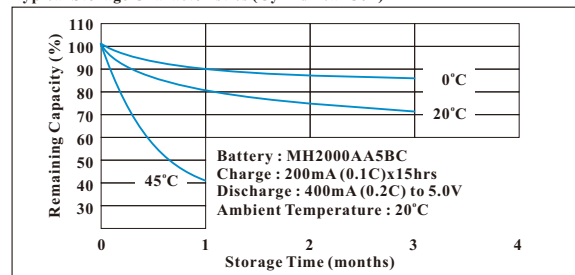
Typical Quick Charge Characteristics (Cylindrical Cell)



Typical Discharge Characteristics (Cylindrical Cell)



Typical Storage Characteristics (Cylindrical Cell)



Information is for references only.

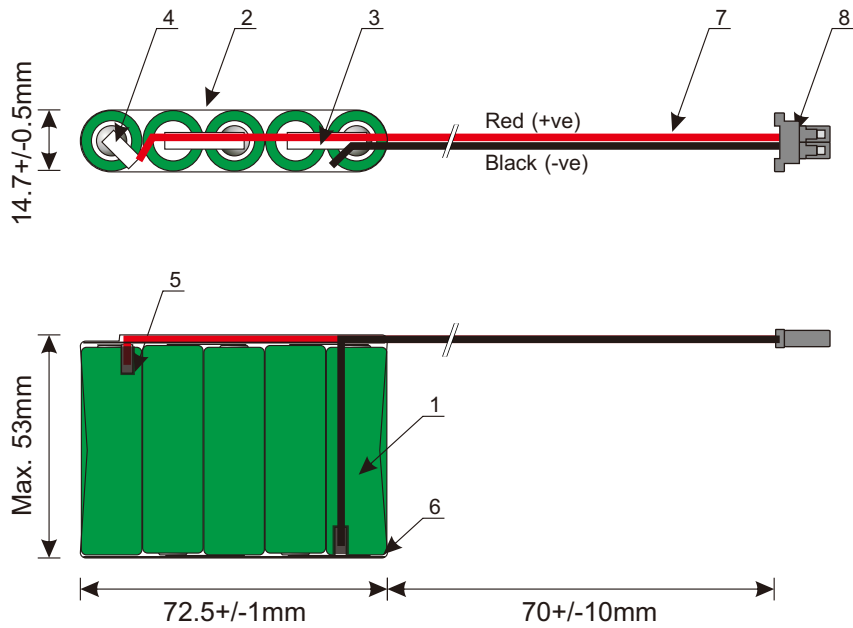
Model : MH2000AA5BC  
Version : 2.40

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# NIMH RECHARGEABLE CYLINDRICAL BATTERY

## DRAWING



8	Black Universal-2P Connector	1
7	UL1007 AWG#24 Red/Black Wire	2
6	Fibre Paper (AAx5)	2
5	Shrink Tube	2
4	Soldering Tags (0.20mm)	2
3	Connecting Tags (0.20mm)	4
2	Green PVC Shrink	1
1	NiMH AA 2000mAh Battery	5
Item	Details	Qty

Ink Jet Printing:

KINETIC (Lot:YYMM)  
MH2000AA5BC  
NiMH 6V 2000mAh



Information is for references only.

Model : MH2000AA5BC  
Version : 2.40

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