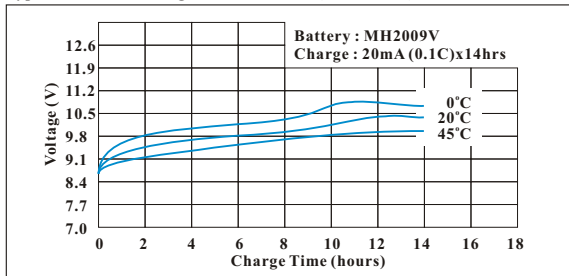


NIMH RECHARGEABLE PRISMATIC BATTERY

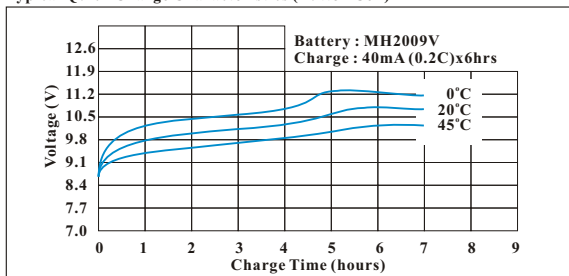
SPECIFICATIONS

Model	:	MH2009V
Description	:	NiMH rechargeable prismatic battery
Nominal Capacity	:	200 mAh at 40mA rate discharge (3 cycles allowed)
Nominal Voltage	:	8.4 Volt (After charge)
Cut-Off Voltage	:	7.0 Volt
End of Charge Voltage	:	≤ 11.2 Volt
End of Discharge Voltage	:	≥ 6.3 Volt
Weight	:	46 gram
Life Duration	:	≥ 500 cycles (Comply to IEC 61951-2 2nd Ed. 2003-04)
Charge	:	Trickle - 6-10 mA Standard - 20 mA x 14 hours Quick - 40 mA x 6 hours (with cut-off control)
Temperature Environment	:	Charge - 0 degC to 45 degC Discharge - -10 degC to 45 degC Storage - -20 degC to 55 degC
Trickle Charge	:	6mA 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

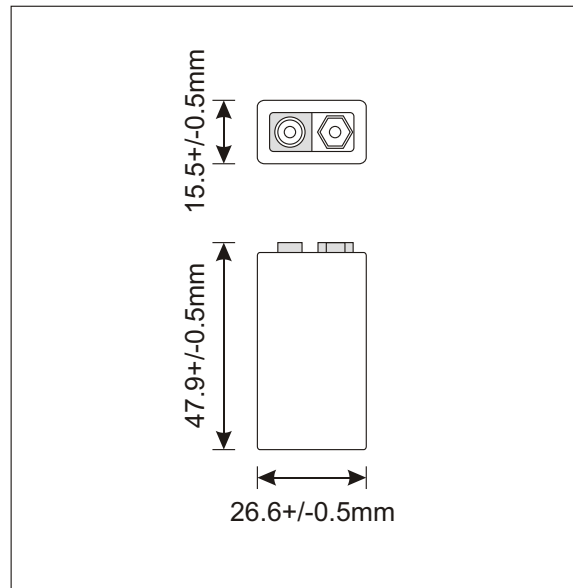
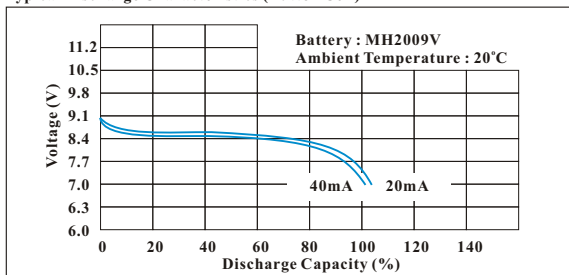
Typical Standard Charge Characteristics (Button Cell)



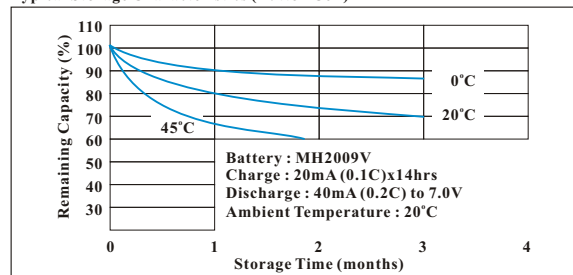
Typical Quick Charge Characteristics (Button Cell)



Typical Discharge Characteristics (Button Cell)



Typical Storage Characteristics (Button Cell)



Information is for references only.

Model : MH2009V
Version : 2.40

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