

Continuous charge type rechargeable battery

Recommended for continuous charge applications: cordless phone, solar lights. Not recommended for high drain or cyclic applications.

NiMH BATTERY

DATA SHEET
Model No.: MH-AA1600

Specification

Nominal Voltage		1.2V	
Capacity (mAh)	Rate	0.2C	0.5C
	Nominal	1600	1440
	Typical	1650	1600
Approx Weight		26g	
Internal Resistance(at 1KHz)		≤ 30mΩ	
Charge	Standard	0.1C × 15hrs	
	Rapid	0.5C × 132min	
	Trickle	0.03C - 0.05C	
Discharge cut-off voltage		1.0V	
Cycle life		≥ 500	
Operation temp.	Standard charge	0 °C - 40 °C	
	Discharge	-20 °C - 50 °C	
Storage temp.	Within 6 month	-20 °C - 30 °C	
	Within a month	-20 °C - 40 °C	
	Within a week	-20 °C - 50 °C	
Relative humidity		65 ± 20%	

Dimension



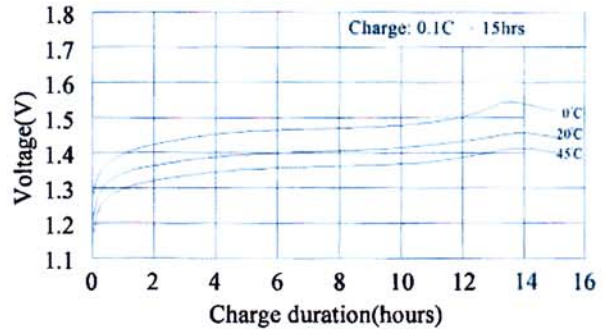
(with tube)

NOTE:

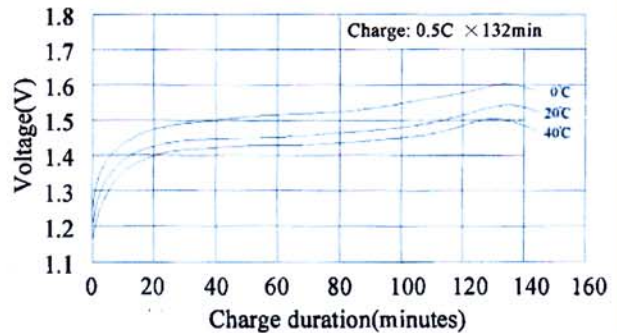
1. Nominal capacity rated at 0.2C
2. Other capacity are for reference
3. Weight and internal resistance are for reference

Typical characteristics

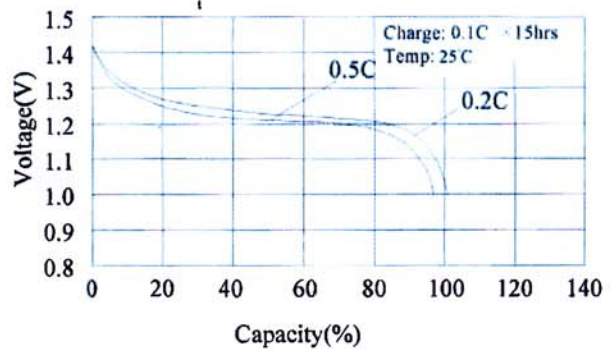
Standard charge characteristics



Rapid charge characteristics



Discharge characteristics



Self-discharge characteristics

