

Ni-MH Battery

AA130 (HR15/49)

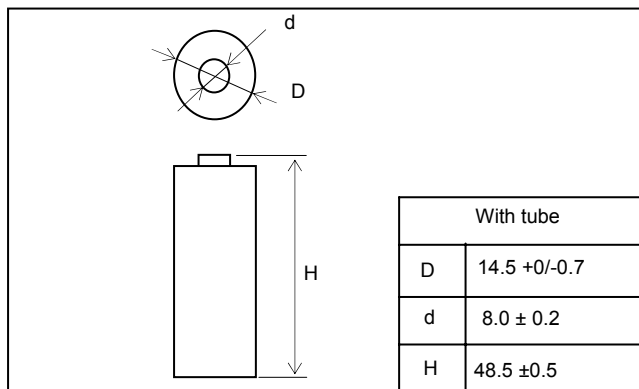
Data Sheet

Nominal Voltage:	1.2 V
Nominal Capacity:	1350 mAh
Minimal Capacity:	1300 mAh
Standard Charge:	130 mA, 15 hrs
Rapid Charge:	1300 mA, 1.2 hrs (control required)
Continuous Discharge:	less than 3900 mA
Final Discharge Voltage:	1.0 V (less than 1.0C)
Weight:	23.0 g (Approx)
Service Life:	≥ 500 cycles
(According to IEC 61951-2-2003)	
Internal Resistance:	≤ 30 mΩ (Approx)
Ambient Temperature: Standard charge:	0~45°C
	Rapid charge: 10~40°C
	Discharge: -20~50°C
Store (65±20% RH):	Less than 360 day: -10~20°C
	Less than 90 day: -10~30°C
	Less than 30 day: -10~40°C

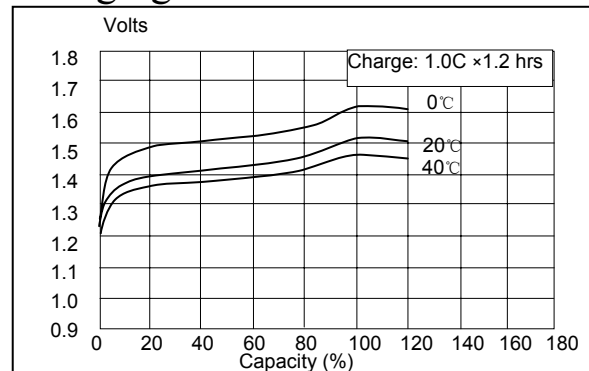
Note:

- Capacity obtained after charge at 0.1C for 15 hrs and discharge at 0.2C to 1.0V at 25°C
- Control required: 1) $-\Delta V$: 0~5mV
 2) $d T / d t$: 0.8°C/ min
 3) T_{co} : 45~50°C

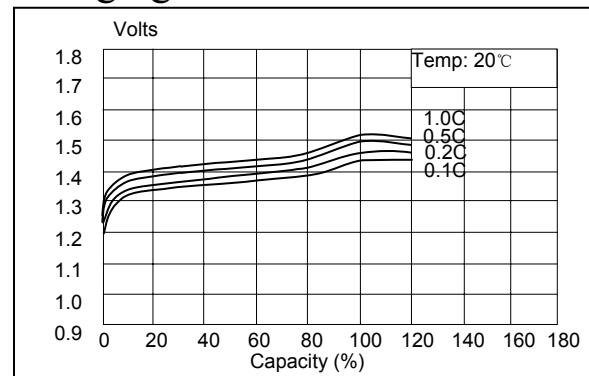
Dimensions (mm)



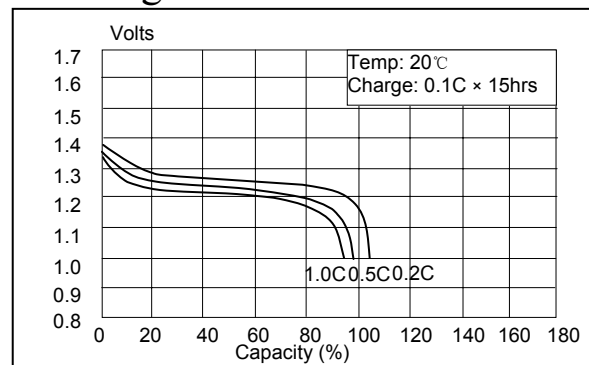
Charging Characteristics (I)



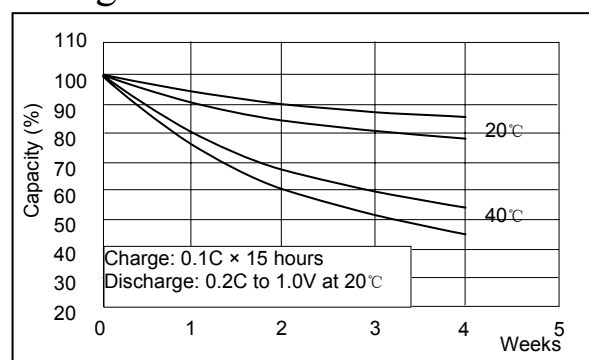
Charging Characteristics (II)



Discharge Characteristics



Storage Characteristics



All data contained herein is for single cell and may vary for cell with specific configuration, subject to change without prior notice.