

Ni-MH Battery

C400 (HR26/50)

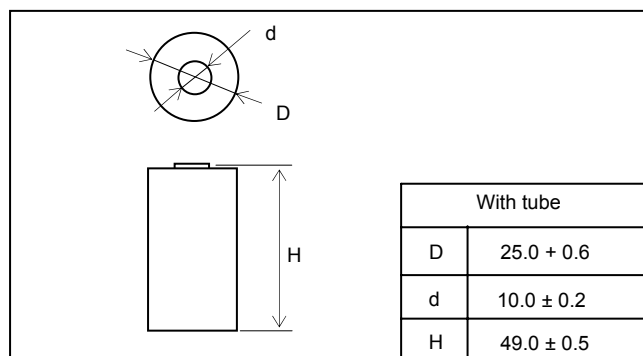
Data Sheet

Nominal Voltage:	1.2 V
Nominal Capacity:	4000 mAh
Minimal Capacity:	3900 mAh
Standard Charge:	390 mA, 16 hrs
Rapid Charge:	1200 mA, 4 hrs (control required)
Continuous Discharge:	less than 12000 mA
Final Discharge Voltage:	1.0V (less than 1.0C)
Weight:	80.0 g (Approx)
Service Life:	> 500 cycles
(According to IEC 61951-2-2003)	
Internal Resistance:	12 mΩ (Approx)
Ambient Temperature: Standard charge:	0 ~ 45°C
	Rapid charge: 0 ~ 40°C
	Discharge: -20 ~ 50°C
Store (65+20% RH):	Less than 360 days: -20 ~ 30°C
	Less than 90 days: -20 ~ 40°C
	Less than 30 days: -20 ~ 50°C

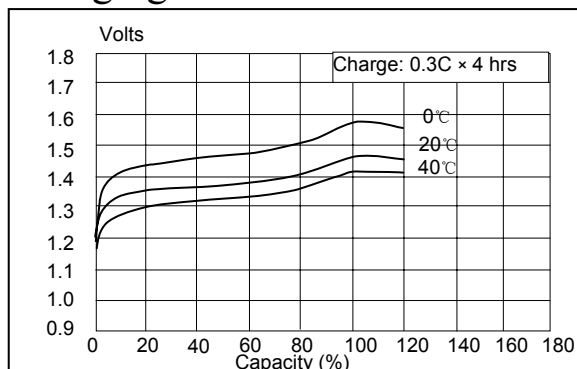
Note:

- Capacity obtained after charge at 0.1C for 16 hrs and discharge at 0.2C to 1.0V at 20°C
- Control required: 1) $-\Delta V$: 0 ~ 5mV
 2) $d T / d t$: 0.6°C / min
 3) T_{co} : 45 ~ 50°C

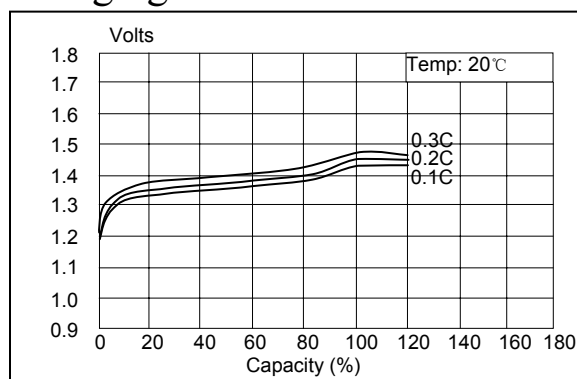
Dimensions (mm)



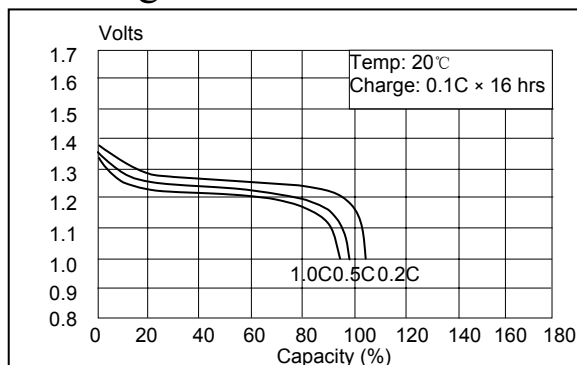
Charging Characteristics (I)



Charging Characteristics (II)



Discharge Characteristics



Storage Characteristics

