

Ni-MH Battery

D450 (HR33/60)

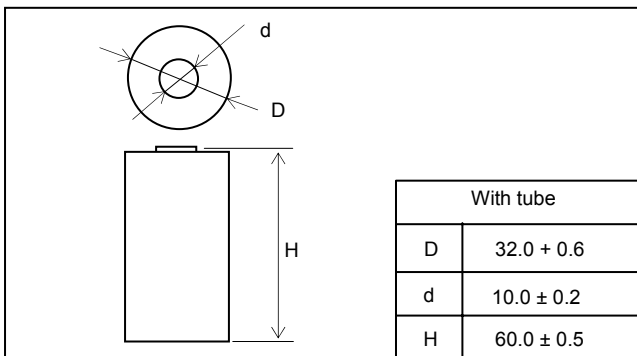
Data Sheet

Nominal Voltage:	1.2 V
Nominal Capacity:	4600 mAh
Minimal Capacity:	4500 mAh
Standard Charge:	450 mA, 16 hrs
Rapid Charge:	1350 mA, 4 hrs (control required)
Continuous Discharge:	less than 13500 mA
Final Discharge Voltage:	1.0 V (less than 1.0C)
Weight:	115.0 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

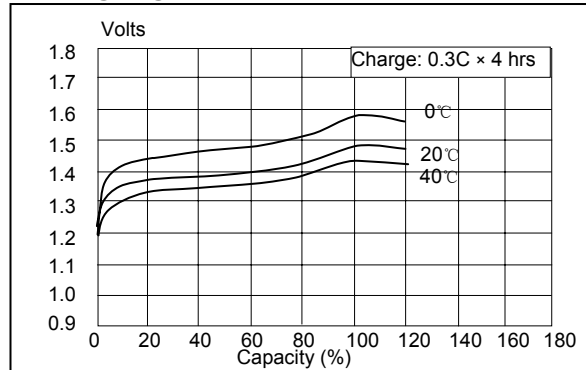
Note:

- 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) $d T / d t$: 0.8°C / min
 3) T_{co} : 45 ~ 50°C

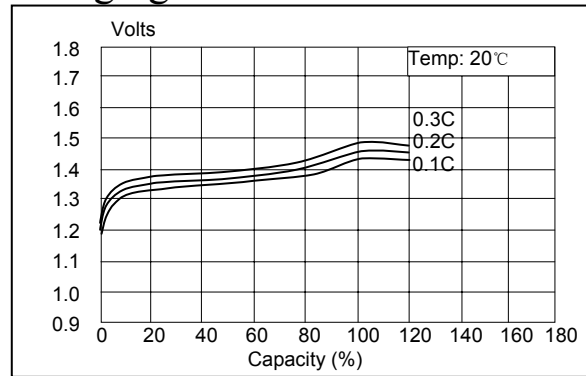
Dimensions (mm)



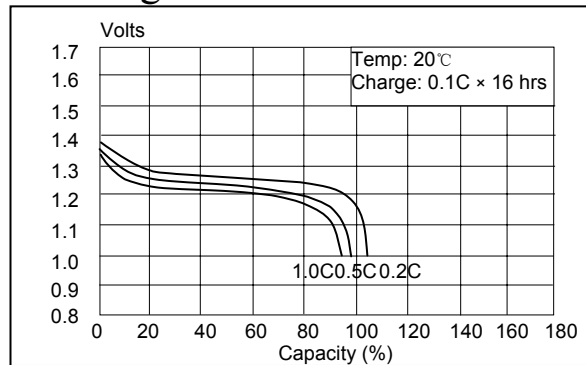
Charging Characteristics (I)



Charging Characteristics (II)



Discharge Characteristics



Storage Characteristics

