

## Ni-MH Battery

## AA180 (HR15/49)

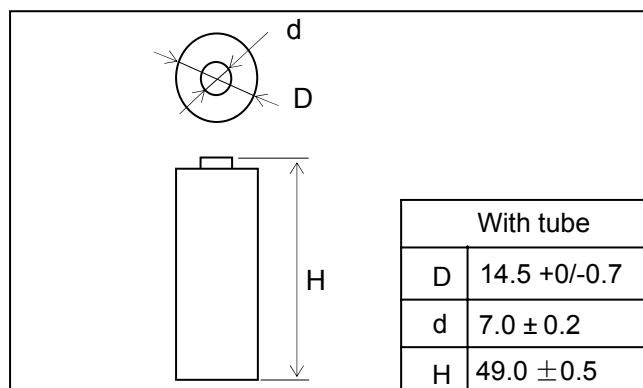
### Data Sheet

Nominal Voltage:	1.2 V
Nominal Capacity:	1850 mAh
Minimal Capacity:	1800 mAh
Standard Charge:	180 mA, 15 hrs
Rapid Charge:	900 mA, 2.2 hrs (control required)
Continuous Discharge:	less than 5400 mA
Final Discharge Voltage:	1.0 V (less than 1.0C)
Weight:	25.0 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

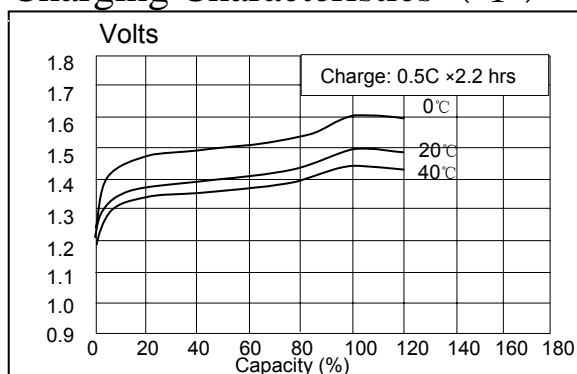
### Note:

- Capacity obtained after charge at 0.1C for 16hrs 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

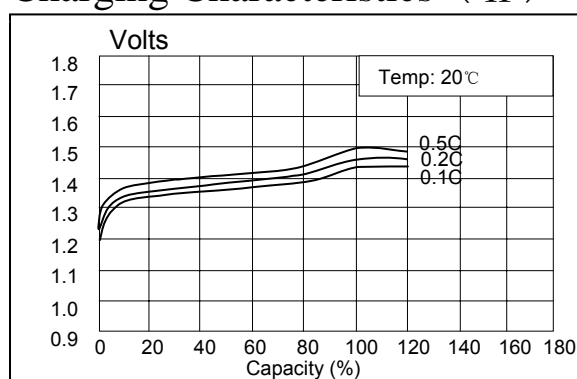
### Dimensions (mm)



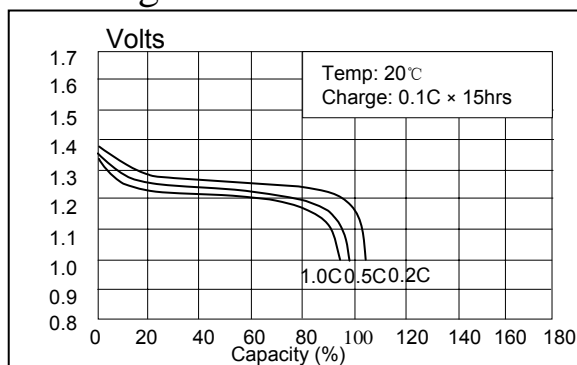
### Charging Characteristics ( I )



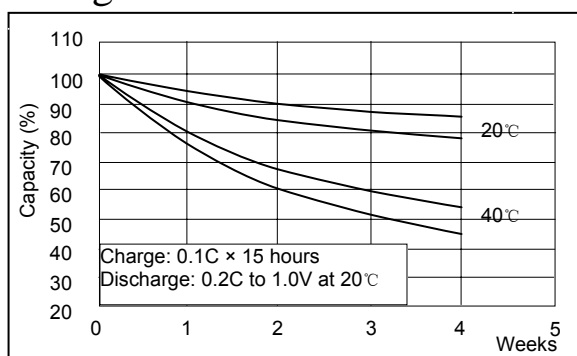
### Charging Characteristics ( II )



### 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.