

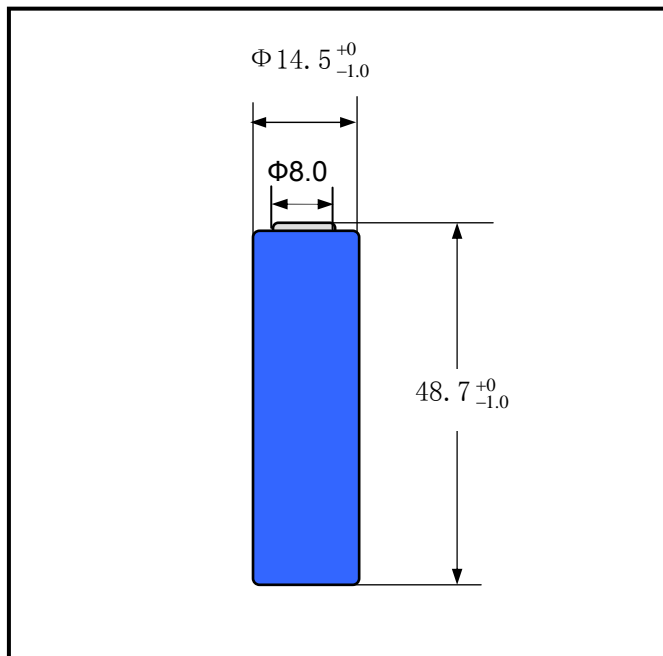
AA1000 Cell (Industrial)

Data Sheet

NO: D0049

Sealed Rechargeable Ni-Cadmium Cylindrical Cell

● Dimensions (with tube)



● Specifications

Nominal Voltage		1.2V	
Capacity*		0.2C Discharge	1C Discharge
	Minimum	1000 mAh	850 mAh
	Typical**	1050 mAh	1000 mAh
Weight		24g	
Typical Internal Impedance		25m Ω (After charge)	
Charge	Standard	100mA \times 15hrs	
	Rapid***	500mA \times 2.6hrs	
Ambient temperature	Standard charge	0 $^{\circ}$ C — 45 $^{\circ}$ C	
	Fast charge	10 $^{\circ}$ C — 40 $^{\circ}$ C	
	Discharge	-20 $^{\circ}$ C — 60 $^{\circ}$ C	
	Storage	-20 $^{\circ}$ C — 45 $^{\circ}$ C	

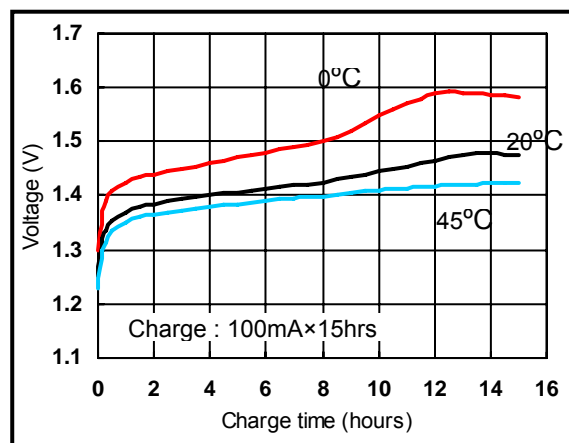
*Capacity is tested after charging 0.1C for 14 to 16 hours.

**Typical capacity and internal impedance are for reference.

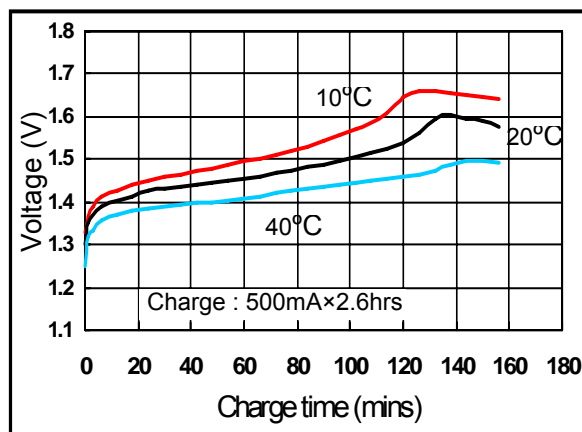
***-delta V or dT/dt controlled (20mV or 1 $^{\circ}$ C per min)

● Typical Characteristics

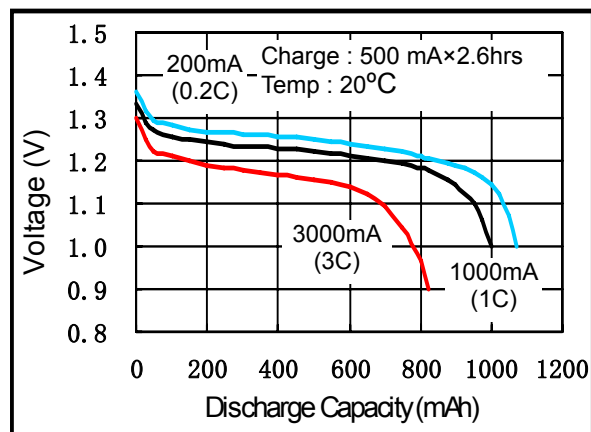
● Standard charge characteristics



● Fast charge characteristics



● Discharge characteristics



Subject to change without prior notice