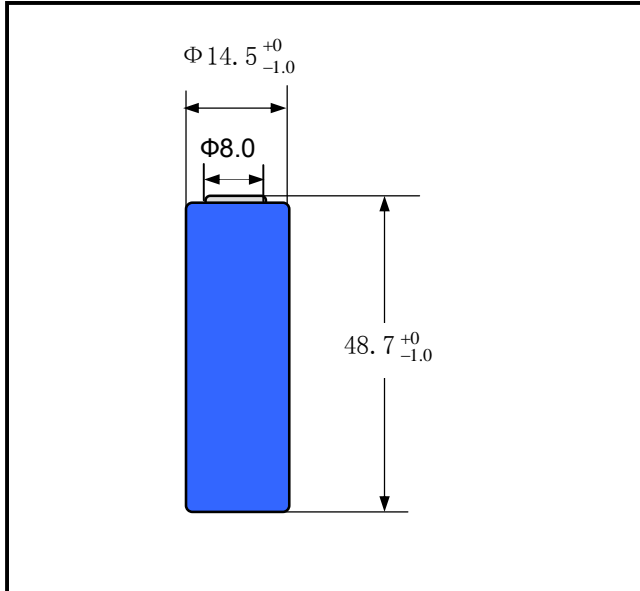


AA700 Cell (Industrial)

Data Sheet
NO: D0032

Sealed Rechargeable Ni-Cadmium Cylindrical Cell

● Dimensions (with tube)



● Specifications

Nominal Voltage		1.2V	
Capacity*		0.2C Discharge	1C Discharge
	Minimum	700 mAh	595 mAh
	Typical**	740 mAh	700 mAh
Weight		21g	
Typical Internal Impedance		25m Ω (After charge)	
Charge	Standard	70mA \times 15hrs	
	Fast***	700mA \times 1.3hrs	
Ambient temperature	Standard charge	0°C — 45°C	
	Fast charge	10°C — 40°C	
	Discharge	-20°C — 65°C	
	Storage	-20°C — 45°C	

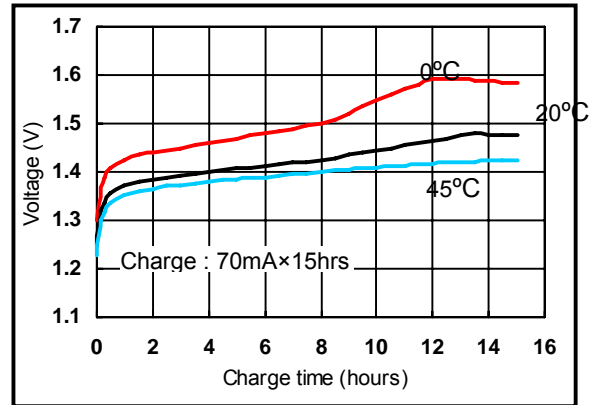
*Capacity is tested after charging 0.1C for 14 to 16 hours.

**Typical capacity and internal impedance are for reference.

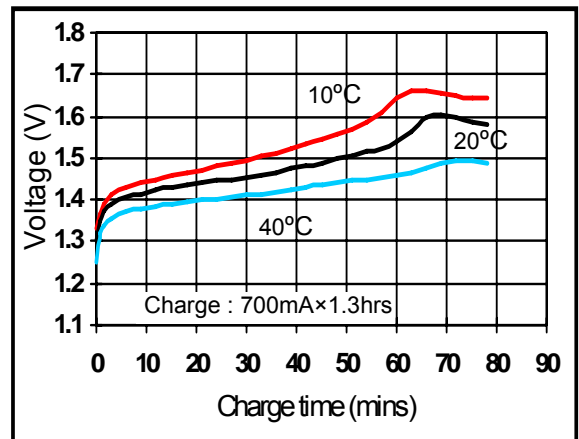
***-delta V or dT/dt controlled (20mV or 1°C per min)

● Typical Characteristics

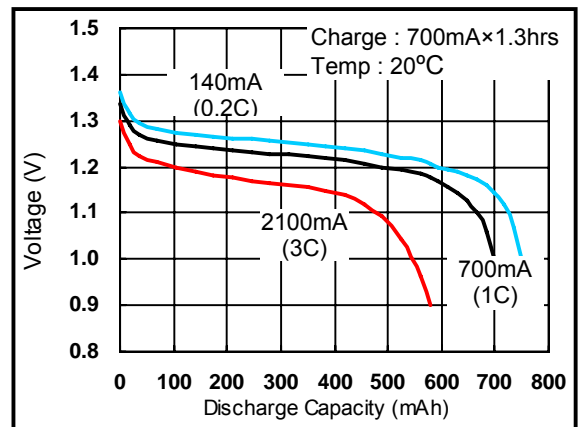
● Standard charge characteristics



● Fast charge characteristics



● Discharge characteristics



Subject to change without prior notice

JYH Battery Co. Ltd