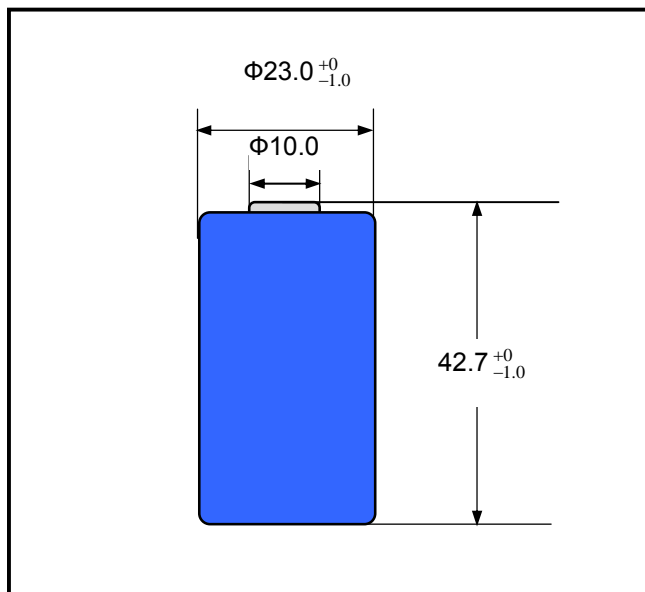


# SC1800 Cell (Industrial)

Data Sheet  
NO: D0008

Sealed Rechargeable Ni-Cadmium Cylindrical Cell

## ● Dimensions (with tube)



## ● Specifications

Nominal Voltage		1.2V	
Capacity*		0.2C Discharge	1C Discharge
	Minimum	1800 mAh	1530 mAh
	Typical**	1900 mAh	1730 mAh
Weight		45g	
Typical Internal Impedance		13mΩ (After charge)	
Charge	Standard	180mA × 16hrs	
	Fast***	1800mA × 1.3hrs	
Ambient temperature	Standard charge	0°C — 45°C	
	Fast charge***	10°C — 40°C	
	Discharge	-20°C — 60°C	
	Storage	-20°C — 45°C	

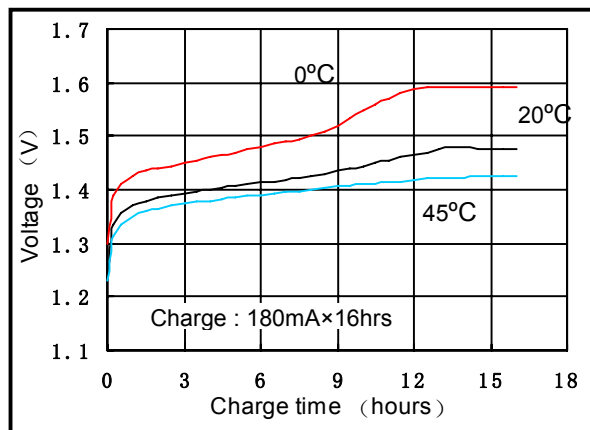
\*Capacity is tested after charging 0.1C for 16 hours.

\*\*Typical capacity and internal impedance are for reference.

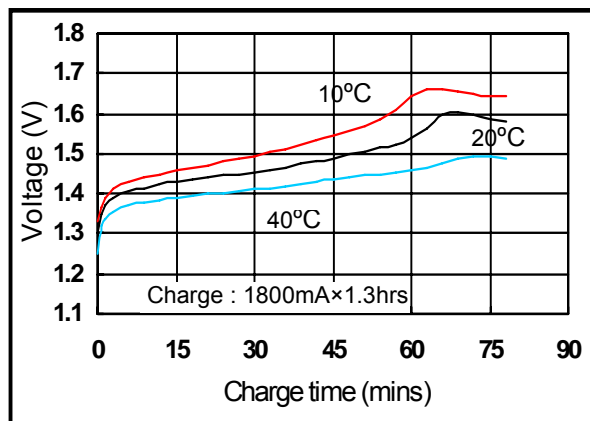
\*\*\*delta V or dT/dt controlled (20mV or 1°C per min).

## ● Typical Characteristics

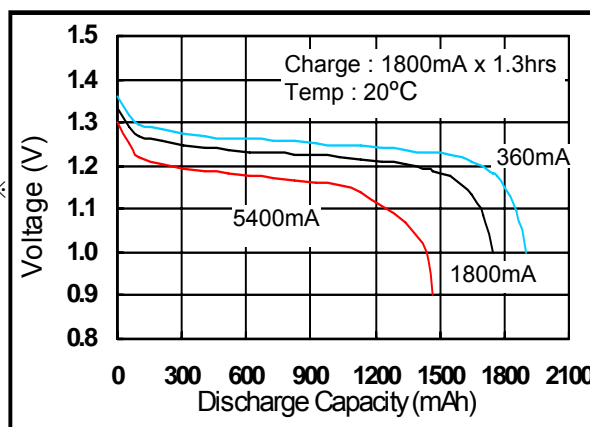
### ● Standard charge characteristics



### ● Fast charge characteristics



### ● Discharge characteristics



Subject to change without prior notice