

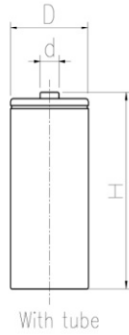


NIC0002
Nickel Cadmium Battery
Battery Specification Sheet

Description	Unit	Specification	Conditions
Nominal Voltage/	V/ Cell	1.2	
Nominal Capacity/	mAh	600	Standard Charge/Discharge
Standard Charge	mA	60(0.1C)	Ambient Temperature $T_a = 0 \sim 45^\circ\text{C}$
	Hour	16	
Quick Charge	mA	280 (0.4C)	Ambient Temperature $T_a = 10 \sim 40^\circ\text{C}$ $-\Delta V = 10\text{mV}$
	hour	3.5	
Fast Charge	mA	600 (1C)	
	hour	1.2 (see Note 2)	
Trickle Charge		(0.03C)~(0.05C)	$T_a = 0 \sim 45^\circ\text{C}$
Standard discharge/	mA	140(0.2C)	Ambient Temperature $T_a = -20 \sim 65^\circ\text{C}$ Humidity: Max 85%
Discharge Cut-off Voltage	V/ Cell	1.0	
Storage Temperature	$^\circ\text{C}$	-20~25 $^\circ\text{C}$ /Within 1year	Discharged state、Humidity、Max.60%
		-20~35 $^\circ\text{C}$ /Within 6 months	Discharged state、Humidity、Max.80%
		-20~45 $^\circ\text{C}$ /Within 3 months	



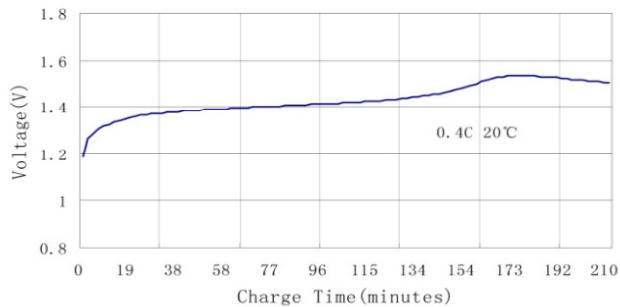
NIC0002 Nickel Cadmium Battery Battery Specification Sheet



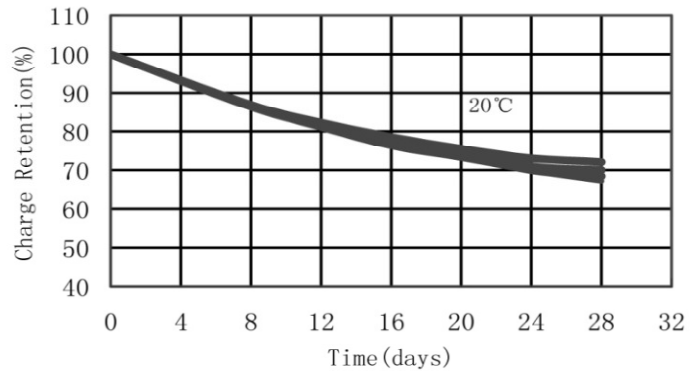
Dimension of the cell

	Crew cut
D	$\Phi 14.1 \pm 0.2$
d	$\Phi 4.75 \pm 0.10$
H	49.70 ± 0.5

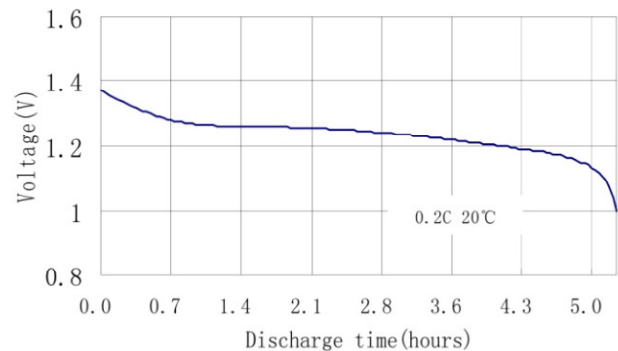
Typical Charge Characteristics



Charge Retention



Discharge at low rate



Discharge at high rate

