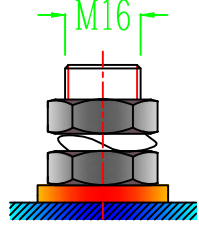


# NICKEL CADMIUM BATTERY VTX250



## Specification

NOMINAL VOLTAGE (공칭전압)		1.2V		<b>TERMINAL (단자)</b>  Bolt & Nut Type
NOMINAL CAPACITY (공칭용량)		250Ah/5HR		
DIMENSIONS (치수)	LENGTH (길이) ± 2 mm	167	(6.57 inches)	
	WIDTH (폭) ± 2 mm	162	(6.37 inches)	
	HEIGHT (높이) ± 5 mm	343	(13.50 inches)	
WEIGHT APPROX. (중량)		13 Kg		
HOUSING MATERIAL (전조재질)		PP RESIN		
TYPE OF ELECTROLYTE (전해액형태)		KOH (Sp.Gr1.220/20 °C)		

## Characteristics

CAPACITY (방전용량) 20 °C (68 °F)	5 HR. 50A DCHG.	5 시간을 50A 방전	CUT-OFF 1.0V	250 Ah	
	1 HR. 235A DCHG.	1 시간을 235A 방전	CUT-OFF 1.0V	235 Ah	
	20 MIN. 525A DCHG.	20 시간을 525A 방전	CUT-OFF 1.0V	175 Ah	
CELL SHORT CIRCUIT CURRENT (단락전류) 20 °C (68 °F)			6250A (단락전류 6250A)		
INTERNAL RESISTANCE (내부저항)		FULL CHARGED BATTERY (만충전상태) 20 °C(68 °F) APPROX.0.30 mΩ			
CAPACITY AFFECTED BY TEMPERATURE (온도에 따른방전용량)	40 °C (104 °F)		93% (5HR. DCHG. 232 Ah)		
	20 °C (68 °F)		115% (5HR. DCHG. 287 Ah)		
	0 °C (32 °F)		90% (5HR. DCHG. 225 Ah)		
	-20 °C (-4 °F)		80% (5HR. DCHG. 200 Ah)		
SELF-DISCHARGE (자기방전) 20 °C (68 °F), REMAINING CAPACITY %	1 MONTH (1개월)		90%	6 MONTH (6개월) 75%	
	3 MONTH (3개월)		82%	12 MONTH (1년) 70%	
MAX. DCHG. CURRENT (최대방전전류) 20 °C (68 °F)			4410A (5Sec.) (5초방전)		
CHARGE (충전)	CYCLE (사이클)	VOLTAGE (전압)	CONST. VOLTAGE CHRG.(정전압충전) 1.55V~1.65V/CELL, 20 °C		
		CURRENT (전류)	INITIAL CHRG. AMPS. LESS THAN 50A (최대충전제한전류 50A 이하)		
	FLOAT (부동)	VOLTAGE (전압)	CONST. VOLTAGE CHRG.(정전압충전) 1.36V~1.38V/CELL, 20 °C		
		CURRENT (전류)	INITIAL CHRG. AMPS. LESS THAN 25A (최대충전제한전류 25A 이하)		
OPERATING TEMP. RANGE (사용온도)		CHRG.(충전) -20~40 °C(4~104F)	DCHG.(방전)	-40~60 °C(-40~142 °F)	
LIFE EXPECTANCY (수명)	CYCLE (사이클)	100% DCHG. (100%방전사용)		850 CYCLES (850회)	
		50% DCHG. (50%방전사용)		2500 CYCLES (2500회)	
		30% DCHG. (30%방전사용)		4500 CYCLES (4500회)	
	FLOAT (부동)	20 YEARS (20년)			

Performance after prolonged float of fully charged cells available current at 20 ±5 °C

F.V	1 Sec	5 Sec	1 Min.	1.5 Min.	5 Min.	1 Hr.	1.5 Hr.	5 Hr.
1.00	1784	1702	1606	1423	1281	252	169	55.4
1.05	1716	1643	1382	1321	984	243	171	53.0
1.10	1619	1538	1016	942	739	238	169	52.0
1.14	1445	1368	893	779	676	224	162	50.0

