

NICKEL CADMIUM BATTERY VTX150



Specification

NOMINAL VOLTAGE (공칭전압)		1.2V		TERMINAL (단자) Bolt & Nut Type
NOMINAL CAPACITY (공칭용량)		150Ah/5HR		
DIMENSIONS (치수)	LENGTH (길이) ± 2 mm	139	(5.47 inches)	
	WIDTH (폭) ± 2 mm	79	(3.11 inches)	
	HEIGHT (높이) ± 5 mm	362	(14.25 inches)	
WEIGHT APPROX. (중량)		6.5 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. 30A DCHG.	5 시간을 30A 방전	CUT-OFF 1.0V	150 Ah	
	1 HR. 144A DCHG.	1 시간을 144A 방전	CUT-OFF 1.0V	144 Ah	
	20 MIN. 324A DCHG.	20 시간을 324A 방전	CUT-OFF 1.0V	108 Ah	
CELL SHORT CIRCUIT CURRENT (단락전류) 20 °C (68 °F)		3750A (단락전류 3750A)			
INTERNAL RESISTANCE (내부저항)		FULL CHARGED BATTERY (만충전상태) 20 °C(68 °F) APPROX.0.55 mΩ			
CAPACITY AFFECTED BY TEMPERATURE (온도에 따른방전용량)	40 °C (104 °F)		93% (5HR. DCHG. 140 Ah)		
	20 °C (68 °F)		115% (5HR. DCHG. 173 Ah)		
	0 °C (32 °F)		90% (5HR. DCHG. 135 Ah)		
	-20 °C (-4 °F)		80% (5HR. DCHG. 120 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)		2480A (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 30A (최대충전제한전류 30A 이하)		
	FLOAT (부동)	VOLTAGE (전압)	CONST. VOLTAGE CHRG.(정전압충전) 1.36V~1.38V/CELL, 20 °C		
		CURRENT (전류)	INITIAL CHRG. AMPS. LESS THAN 15A (최대충전제한전류 15A 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)			

DIMENSIONS (치수)

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	1068	1021	964	854	769	153	104	35.0
1.05	1026	985	829	792	593	148	103	32.3
1.10	969	923	609	564	438	143	101	31.5
1.14	892	825	553	472	413	134	97.6	30.0

