

NICKEL CADMIUM BATTERY VTX30



Specification

NOMINAL VOLTAGE (공칭전압)		1.2V		TERMINAL (단자) mm Bolt & Nut Type
NOMINAL CAPACITY (공칭용량)		30 Ah/5HR		
DIMENSIONS (치수)	LENGTH (길이) ± 2 mm	80	(3.14 inches)	
	WIDTH (폭) ± 2 mm	35	(1.38 inches)	
	HEIGHT (높이) ± 2 mm	235	(9.25 inches)	
WEIGHT APPROX. (중량)		1.5 Kg		
HOUSING MATERIAL (전조재질)		PP RESIN		
TYPE OF ELECTROLYTE (전해액형태)		KOH (Sp.Gr1.200/20 °C)		

Characteristics

CAPACITY (방전용량) 20 °C (68 °F)	5 HR. 6.0A DCHG. 5 시간을 6.0A 방전 CUT-OFF 1.0V	30 Ah	
	1 HR. 31A DCHG. 1 시간을 31A 방전 CUT-OFF 1.0V	29.4 Ah	
	90 Sec. 189A DCHG. 90초시간을 189A 방전 CUT-OFF 1.0V	4.7 Ah	
CELL SHORT CIRCUIT CURRENT (단락전류) 20 °C (68 °F)		750A (단락전류 750A)	
INTERNAL RESISTANCE (내부저항) FULL CHARGED BATTERY (만충전상태) 20 °C(68 °F)		APPROX. 2 mΩ	
CAPACITY AFFECTED BY TEMPERATURE (온도에 따른방전용량)	40 °C (104 °F)	93% (5HR. DCHG. 27.9 Ah)	
	20 °C (68 °F)	115% (5HR. DCHG. 34.5 Ah)	
	0 °C (32 °F)	90% (5HR. DCHG. 27 Ah)	
	-20 °C (-4 °F)	80% (5HR. DCHG. 24 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)		5 sec. 600A (최대방전전류)	
CHARGE (충전)	CYCLE (사이클)	VOLTAGE (전압)	CONST. VOLTAGE CHRG.(정전압충전) 1.55V~1.65V/CELL, 20 °C
		CURRENT (전류)	INITIAL CHRG. AMPS. LESS THAN 6A (최대충전제한전류 6A 이하)
	FLOAT (부동)	VOLTAGE (전압)	CONST. VOLTAGE CHRG.(정전압충전) 1.35V~1.38V/CELL, 20 °C
		CURRENT (전류)	INITIAL CHRG. AMPS. LESS THAN 6A (최대충전제한전류 6A 이하)
OPERATING TEMP. RANGE (사용온도)		CHRG.(충전) -20~40 °C(4~104°F)	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.
1.14	186	167	118	102	81	25	15	5.3
1.10	201	184	136	127	94	27	17	5.6
1.05	213	201	181	151	128	29	19	5.8
1.00	227	218	205	189	152	31	20	6.0
	Minutes			Seconds				
	10	5	3	90	60	30	10	5
0.85	143	205	253	281	303	336	364	397

DIMENSIONS (치수)

