

POCKET TYPE NICKEL-CADMIUM BATTERY VTL600



SPECIFICATION

NOMINAL VOLTAGE (공칭전압)		1.2V	
NOMINAL CAPACITY (공칭용량)		600 Ah/5HR	
DIMENSIONS (치수)	LENGTH (길이) ± 2 mm	285	(11.22 inches)
	WIDTH (폭) ± 2 mm	172	(6.77 inches)
	HEIGHT (높이) ± 5 mm	490	(19.29 inches)
WEIGHT APPROX. (중량)		34 Kg	
HOUSING MATERIAL (진조재질)		ABS RESIN	
TYPE OF ELECTROLYTE (전해액형태)		KOH (Sp.Gr1.200/ 20 °C)	

TERMINAL (단자)

Bolt & Nut Type

CHARACTERISTICS

CAPACITY (방전용량) 20 °C (68 °F)	5 HR. 120A DCHG. 5 시간율 120A 방전 CUT-OFF 1.0V	600 Ah			
	1 HR. 397A DCHG. 1 시간율 397A 방전 CUT-OFF 1.0V	397 Ah			
	20 MIN. 516A DCHG. 20 분율 516A 방전 CUT-OFF 1.0V	172 Ah			
CELL SHORT CIRCUIT CURRENT (단락전류) 20 °C (68 °F)		7200A (단락전류 7200A)			
INTERNAL RESISTANCE (내부저항) FULL CHARGED BATTERY(만충전상태) 20 C(68 °F)		APPROX. 0.21 mΩ			
CAPACITY AFFECTED BY TEMPERATURE (온도에 따른방전용량)	40 °C (104 °F)	90% (5HR. DCHG. 540 Ah)			
	20 °C (68 °F)	106% (5HR. DCHG. 636 Ah)			
	0 °C (32 °F)	75% (5HR. DCHG. 450 Ah)			
	-20 °C (-4 °F)	50% (5HR. DCHG. 300 Ah)			
SELF-DISCHARGE (자기방전) 20 °C (68 F), REMAINING CAPACITY %	1 MONTH (1개월)	85%	6 MONTH (6개월)	70%	
	3 MONTH (3개월)	75%	12 MONTH (1년)	60%	
MAX. DCHG. CURRENT (최대방전전류) 20 °C (68 °F)		3600A (5 Sec.) (최대방전전류)			
CHARGE (충전)	CYCLE (사이클)	VOLTAGE (전압)	CONST. VOLTAGE CHRG. (정전압충전) 1.55V~ 1.70V/CELL, 20 °C		
		CURRENT (전류)	INITIAL CHRG. AMPS. LESS THAN 120A (최대충전제한전류 120A 이하)		
	FLOAT (부동)	VOLTAGE (전압)	CONST. VOLTAGE CHRG. (정전압충전) 1.44V~ 1.47V/CELL, 20 °C		
		CURRENT (전류)	INITIAL CHRG. AMPS. LESS THAN 60A (최대충전제한전류 60A 이하)		
OPERATING TEMP. RANGE (사용온도)		CHRG.(충전) -20~40 °C (-4~104 °F)	DCHG.(방전) -40~60 °C (-40~140 °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	10Min.	15Min.	20Min.	30Min.	1 Hr.	2 Hr.	3 Hr.	5 Hr.	8 Hr.
1.00	603	547	516	484	397	258	189	120	77.5
1.05	516	483	425	394	365	243	169	117	76.0
1.10	425	393	364	334	279	213	167	115	75.0
1.14	367	334	303	272	231	169	153	110	72.0

DIMENSIONS (치수)

