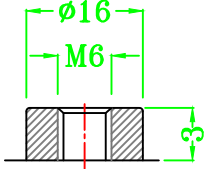


VT12250 Sealed Lead Acid Battery



Specification

NOMINAL VOLTAGE (공칭전압)		12V		TERMINAL(단자)mm  SCREW TYPE
NOMINAL CAPACITY (공칭용량)		250 Ah/10HR		
DIMENSIONS (치수)	LENGTH (길이) ± 2 mm	521 mm (20.51 inches)		
	WIDTH (폭) ± 2 mm	269 mm (10.59 inches)		
	HEIGHT (높이) ± 5 mm	220 mm (8.66 inches)		
	TOTAL HEIGHT (총높이) ± 5 mm	223 mm (8.78 inches)		
WEIGHT APPROX. (중량)		71 Kg		
HOUSING MATERIAL (전조재질)		ABS RESIN		
TYPE OF ELECTROLYTE (전해액형태)		Sulfuric acid		

Characteristics

CAPACITY (방전용량) 25 °C (77 °F)	10 HR. 25A DCHG. 10 시간을 25A 방전 CUT-OFF 10.8V	250 Ah	
	5 HR. 43.2A DCHG. 5 시간을 43.2A 방전 CUT-OFF 10.5V	216 Ah	
	1 HR. 160A DCHG. 1 시간을 160A 방전 CUT-OFF 9.6V	160 Ah	
CELL SHORT CIRCUIT CURRENT (단락전류) 20 °C (68 °F)		3,750A (단락전류 3,750A)	
INTERNAL RESISTANCE (내부저항) FULL CHARGED BATTERY (만충전상태) 20 °C(68 °F)		APPROX. 2.3mΩ	
CAPACITY AFFECTED BY TEMPERATURE (온도에 따른방전용량)	40 °C (104 °F)	110% (10HR. DCHG. 275 Ah)	
	25 °C (77 °F)	100% (10HR. DCHG. 250 Ah)	
	0 °C (32 °F)	90% (10HR. DCHG. 225 Ah)	
	-20 °C (-4 °F)	60% (10HR. DCHG. 150 Ah)	
SELF-DISCHARGE (자기방전) 20 °C (68 °F), REMAINING CAPACITY %	1 MONTH (1개월)	97%	6 MONTH (6개월) 85%
	3 MONTH (3개월)	91%	12 MONTH (1년) 64%
MAX. DCHG. CURRENT (최대방전전류) 20 °C (68 °F)		2000A(5s) (최대방전전류)	
CHARGE (충전)	CYCLE (사이클)	VOLTAGE (전압)	CONST. VOLTAGE CHRG.(정전압충전) 14.4V~14.8V/CELL, 20 °C
		CURRENT (전류)	INITIAL CHRG. AMPS. LESS THAN 50A (최대충전제한전류 50A 이하)
	FLOAT (부동)	VOLTAGE (전압)	CONST. VOLTAGE CHRG.(정전압충전) 13.6V~13.8V/CELL, 20 °C
		CURRENT (전류)	INITIAL CHRG. AMPS. LESS THAN 25A (최대충전제한전류 26A 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)	80% DCHG. (100%방전사용)	400 CYCLES (400회)
		50% DCHG. (50%방전사용)	500 CYCLES (500회)
		30% DCHG. (30%방전사용)	1100 CYCLES (1100회)

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

F.V	5Min.	10Min.	15Min.	30Min.	1 Hr.	3 Hr.	5 Hr.	10 Hr.	20 Hr.
1.60	875	600	438	263	160	68.3	43.8	26.5	13.8
1.67	788	548	425	255	157	68.0	43.5	26.1	13.7
1.70	748	528	410	250	156	67.8	43.4	25.9	13.6
1.75	665	488	388	245	154	67.5	43.2	25.5	13.5
1.80	600	453	370	238	152	67.3	42.8	25.0	13.2
1.85	455	373	320	219	151	67.0	42.5	24.6	12.4

DIMENSIONS (치수)

