

EV12200(12V200Ah)



■ Specification

NOMINAL VOLTAGE (공칭전압)		12V	Terminal Dimensions
NOMINAL CAPACITY (공칭용량)		200 Ah	
DIMENSIONS (치수)	LENGTH (길이) ± 2 mm	522 mm (20.6 inches)	
	WIDTH (폭) ± 2 mm	240 mm (9.45 inches)	
	HEIGHT (높이) ± 3 mm	218 mm (8.58 inches)	
	TOTAL HEIGHT (총높이) ± 3 mm	221 mm (8.70 inches)	
WEIGHT APPROX. (중량)		61 Kg	
HOUSING MATERIAL (전조재질)		ABS RESIN	
TYPE OF ELECTROLYTE (전해액형태)		AGM GEL	

■ Characteristics

CAPACITY (방전용량) 20 °C (68 °F)	20 HR. 10.6A DCHG. 20 시간을 10.6A 방전 CUT-OFF 10.8V	212 Ah			
	10 HR. 20A DCHG. 20 시간을 20A 방전 CUT-OFF 10.8V	200 Ah			
	5 HR. 35A DCHG. 5 시간을 35A 방전 CUT-OFF 10.5V	175 Ah			
	1 HR. 130A DCHG. 1 시간을 130A 방전 CUT-OFF 9.6V	130 Ah			
INTERNAL RESISTANCE (내부저항)		FULL CHARGED BATTERY (만충전상태) 20 °C(68 °F)	APPROX. 0.003 Ohm		
CAPACITY AFFECTED BY TEMPERATURE (온도에 따른방전용량)		40 °C (104 °F)	109% (20HR. DCHG. 218 Ah)		
		25 °C (77 °F)	100% (20HR. DCHG. 200 Ah)		
		0 °C (32 °F)	85% (20HR. DCHG. 170 Ah)		
		-15 °C (5 °F)	65% (20HR. DCHG. 130 Ah)		
SELF-DISCHARGE (자기방전) 20 °C (68 °F), REMAINING CAPACITY %		1 MONTH (1개월)	92%	6 MONTH (6개월)	20%
		3 MONTH (3개월)	88%	12 MONTH (1년)	75%
MAX. DCHG. CURRENT (최대방전전류) 20 °C (68 °F)		2400(5s) (최대방전전류)			
CHARGE (충전)	CYCLE (사이클)	VOLTAGE (전압)	CONST. VOLTAGE CHR.G.(정전압충전) 14.4V~14.8V/CELL, 20 °C		
		CURRENT (전류)	INITIAL CHR.G. AMPS. LESS THAN 50A (최대충전제한전류 50A 이하)		
	FLOAT (부동)	VOLTAGE (전압)	CONST. VOLTAGE CHR.G.(정전압충전) 13.6V~13.80V/CELL, 20 °C		
		CURRENT (전류)	INITIAL CHR.G. AMPS. LESS THAN 25A (최대충전제한전류 25A 이하)		
OPERATING TEMP. RANGE (사용온도)		CHR.G.(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)	700 CYCLES (700회)		
		30% DCHG. (30%방전사용)	1300 CYCLES (1300회)		

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

DIMENSIONS(치수)

F.V	5Min	10Min	15Min	30Min	1 Hr.	3 Hr.	5 Hr.	10 Hr.	20 Hr.
1.85	364	298	256	175	124	53.6	34.4	19.7	9.86
1.80	480	362	296	190	126	53.8	34.7	20.0	10.6
1.75	532	390	310	196	127	54.0	35.0	20.4	10.7
1.70	598	422	328	200	128	54.2	35.3	20.7	10.8
1.67	630	438	340	204	129	54.4	35.5	20.9	10.9
1.60	700	480	350	210	130	54.6	35.8	21.2	11.0

