

# EV1240(12V40Ah)



## Specification

NOMINAL VOLTAGE (공칭전압)		12V	<b>Terminal Dimensions</b> 
NOMINAL CAPACITY (공칭용량)		40 Ah	
DIMENSIONS (치수)	LENGTH (길이) ± 2 mm	197 mm (7.76 inches)	
	WIDTH (폭) ± 2 mm	165 mm (6.50 inches)	
	HEIGHT (높이) ± 3 mm	170 mm (6.69 inches)	
	TOTAL HEIGHT (총높이) ± 3 mm	170 mm (6.69 inches)	
WEIGHT APPROX. (중량)		13.5 Kg	
HOUSING MATERIAL (전조재질)		ABS RESIN	
TYPE OF ELECTROLYTE (전해액형태)		Sulfuric acid	

## Characteristics

CAPACITY (방전용량) 20 °C (68 °F)	20 HR. 2.10A DCHG. 20 시간을 2.10A 방전 CUT-OFF 10.8V 42 Ah				
	10 HR. 4.0A DCHG. 20 시간을 4.0A 방전 CUT-OFF 10.8V 40 Ah				
	5 HR. 6.8A DCHG. 5 시간을 6.8A 방전 CUT-OFF 10.5V 34 Ah				
	1 HR. 26A DCHG. 1 시간을 26A 방전 CUT-OFF 9.6V 26 Ah				
INTERNAL RESISTANCE (내부저항)	FULL CHARGED BATTERY (만충전상태) 25 °C(77 °F)	APPROX. 0.0095 Ohm			
CAPACITY AFFECTED BY TEMPERATURE (온도에 따른방전용량)	40 °C (104 °F)	109% (20HR. DCHG. 43.6 Ah)			
	20 °C (77 °F)	100% (20HR. DCHG. 40 Ah)			
	0 °C (32 °F)	85% (20HR. DCHG. 34 Ah)			
	-15 °C (5 °F)	65% (20HR. DCHG. 26 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)		480(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 8A (최대충전제한전류 8A 이하)		
	FLOAT (부동)	VOLTAGE (전압)	CONST. VOLTAGE CHRG.(정전압충전) 13.6V~13.8V/CELL, 20 °C		
		CURRENT (전류)	INITIAL CHRG. AMPS. LESS THAN 4A (최대충전제한전류 4A 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)	450 CYCLES (450회)		
		50% DCHG. (50%방전사용)	800 CYCLES (800회)		
		30% DCHG. (30%방전사용)	1600 CYCLES (1600회)		

Performance after prolonged float of fully charged cells available current at 25 ± 5 °C

F.V	5Min	15Min	30Min	1 Hr.	3 Hr.	4 Hr.	5 Hr.	10 Hr.	20 Hr.
1.60	140	70	42	26.0	11.5	8.07	6.91	4.24	2.25
1.67	126	68	41	25.4	11.3	8.03	6.85	4.18	2.22
1.70	120	66	40	25.0	11.2	8.00	6.83	4.15	2.20
1.75	106	62	39	24.7	11.0	7.97	6.80	4.07	2.15
1.80	96	59	38	24.4	10.8	7.92	6.74	4.00	2.10
1.85	73	51	35	24.1	10.7	7.87	6.68	3.93	1.99

DIMENSIONS(치수)

