

EV1280(12V80Ah)



■ Specification

NOMINAL VOLTAGE (공칭전압)		12V		Terminal Dimensions
NOMINAL CAPACITY (공칭용량)		80 Ah		
DIMENSIONS (치수)	LENGTH (길이) ± 2 mm	260 mm (10.23 inches)		
	WIDTH (폭) ± 2 mm	168 mm (6.61 inches)		
	HEIGHT (높이) ± 3 mm	211 mm (8.31 inches)		
	TOTAL HEIGHT (총높이) ± 3 mm	214 mm (8.43 inches)		
WEIGHT APPROX. (중량)		25.5 Kg		
HOUSING MATERIAL (전조재질)		ABS RESIN		
TYPE OF ELECTROLYTE (전해액형태)		Sulfuric acid		

■ Characteristics

CAPACITY (방전용량) 25 °C (77 °F)	20 HR. 4.2A DCHG. 20 시간을 4.2A 방전 CUT-OFF 10.8V	84 Ah			
	10 HR. 8.0A DCHG. 20 시간을 8.0A 방전 CUT-OFF 10.8V	80 Ah			
	5 HR. 14.0A DCHG. 5 시간을 14.0A 방전 CUT-OFF 10.5V	70 Ah			
	1 HR. 52.0A DCHG. 1 시간을 52.0A 방전 CUT-OFF 9.6V	52 Ah			
INTERNAL RESISTANCE (내부저항)		FULL CHARGED BATTERY (만충전상태) 25 °C(77 °F)		APPROX. 0.0054 Ohm	
CAPACITY AFFECTED BY TEMPERATURE (온도에 따른방전용량)		40 °C (104 °F)	109% (20HR. DCHG. 87.2 Ah)		
		25 °C (77 °F)	100% (20HR. DCHG. 80 Ah)		
		0 °C (32 °F)	85% (20HR. DCHG. 68 Ah)		
		-15 °C (5 °F)	65% (20HR. DCHG. 52 Ah)		
SELF-DISCHARGE (자기방전) 25 °C (77 °F), REMAINING CAPACITY %		1 MONTH (1개월)	92%	6 MONTH (6개월)	20%
		3 MONTH (3개월)	88%	12 MONTH (1년)	75%
MAX. DCHG. CURRENT (최대방전전류) 25 °C (77 °F)		960(5s) (최대방전전류)			
CHARGE (충전)	CYCLE (사이클)	VOLTAGE (전압)	CONST. VOLTAGE CHRG.(정전압충전) 14.4V~ 14.8V/CELL, 25 °C		
		CURRENT (전류)	INITIAL CHRG. AMPS. LESS THAN 16A (최대충전제한전류 16A 이하)		
	FLOAT (부동)	VOLTAGE (전압)	CONST. VOLTAGE CHRG.(정전압충전) 13.6V~ 13.80V/CELL, 25 °C		
		CURRENT (전류)	INITIAL CHRG. AMPS. LESS THAN 8A (최대충전제한전류 8A 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)	300 CYCLES (300회)	
			50% DCHG. (50%방전사용)	800 CYCLES (800회)	
			30% DCHG. (30%방전사용)	1200 CYCLES (1200회)	

DIMENSIONS(치수)

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

F.V	5Min	10Min	15Min	30Min	1 Hr.	3 Hr.	5 Hr.	10 Hr.	20 Hr.
1.85	146	119	102	69.9	50.8	19.8	13.8	7.87	3.98
1.80	192	145	118	76.0	51.4	20.5	14.0	8.00	4.20
1.75	213	156	124	78.4	52.0	21.0	14.1	8.15	4.26
1.70	239	169	131	80.0	52.3	21.3	14.2	8.29	4.31
1.67	252	175	136	81.6	52.5	21.6	14.3	8.36	4.35

