

CVT21000 Lead Carbon Battery



■ Specification

NOMINAL VOLTAGE (공칭전압)		2V	Positive plate :
NOMINAL CAPACITY (공칭용량)		1000Ah/10HR	Lead dioxide
DIMENSIONS (치수)	LENGTH (길이) ± 2 mm	303 mm (11.92 inches)	Negative plate :
	WIDTH (폭) ± 2 mm	172 mm (6.77 inches)	Lead
	HEIGHT (높이) ± 5 mm	508 mm (20.0 inches)	Safety valve :
WEIGHT APPROX. (중량)		75 Kg	Rubber
Max.current (최대. 전류)	Charge (충전)	200A (0.2C _{10A})	Terminal :
	Discharge (방전)	400A (0.4C _{10A})	Copper
HOUSING MATERIAL (전조재질)		ABS RESIN	Separator :
			Fiberglass

■ Characteristics

CAPACITY (방전용량) 25 °C (77 °F)	10 HR. 118.3A DCHG. 10 시간을 118.3A 방전	CUT-OFF 1.85V	1183 Ah		
	5 HR. 201A DCHG. 5 시간을 201A 방전	CUT-OFF 1.85V	1005 Ah		
	1 HR. 690A DCHG. 1 시간을 690A 방전	CUT-OFF 1.85V	690 Ah		
CELL SHORT CIRCUIT CURRENT (단락전류) 25 °C (77 °F)		8000A (단락전류 8000A)			
INTERNAL RESISTANCE (내부저항) FULL CHARGED BATTERY (만충전상태) 25 °C(77 °F)		APPROX. 0.17mΩ			
CAPACITY AFFECTED BY TEMPERATURE (온도에 따른방전용량)		40 °C (104 °F)	109% (10HR. DCHG. 1090 Ah)		
		25 °C (77 °F)	102% (10HR. DCHG. 1020 Ah)		
		0 °C (32 °F)	90% (10HR. DCHG. 900 Ah)		
		-20 °C (-4 °F)	60% (10HR. DCHG. 600 Ah)		
SELF-DISCHARGE (자기방전) 25 °C (77 °F), REMAINING CAPACITY %		1 MONTH (1개월)	97%	6 MONTH (6개월)	85%
		3 MONTH (3개월)	91%	12 MONTH (1년)	64%
CHARGE (충전)	CHARGE VOLTAGE		2.45V/CELL, 25 °C		
	VOLTAGE RANGE		2.36VDC~2.56VDC/CELL, 0 °C~40 °C		
	TEMPERATURE COEFFICIENT		-30mV, 25 °C		
OPERATING TEMP. RANGE(사용온도)		CHRG(충전) -20~40 °C(4~104 °F)	DCHG(방전) -40~60 °C(-40~142 °F)		
Super long cycle life	Using long-life technology and design, more than 4200 cycles @ 70% DOD, design life is 15 years.				

DIMENSIONS (치수)

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

F.V	1 Hr.	2 Hr.	3 Hr.	5 Hr.	6 Hr.	7 Hr.	8 Hr.	9 Hr.	10 Hr.
1.60	783	458	330	222	194	173	154	141	128
1.65	760	444	321	214	190	168	151	138	126
1.70	738	433	309	211	184	164	146	135	123
1.75	717	418	301	205	179	159	143	130	121
1.80	690	405	297	201	175	155	140	128	118

