

TUBULAR VENTED STATIONARY LEAD-ACID BATTERIES



■ Specification (제원)

OPzS170 (2V 170Ah/10HR)

NOMINAL VOLTAGE (공칭전압)		2.0V	
NOMINAL CAPACITY (공칭용량)		170 Ah/10HR	
DIMENSIONS (치수)	LENGTH (길이) ± 2 mm	104 mm (4.09 inches)	
	WIDTH (폭) ± 2 mm	207 mm (8.15 inches)	
	HEIGHT (높이) ± 5 mm	356 mm (14.0 inches)	
	TOTAL HEIGHT(총높이) ± 5 mm	409 mm (16.1 inches)	
WEIGHT APPROX. (중량)	DRY 13Kg (WET 17Kg)		
HOUSING MATERIAL (전조재질)	JAR: SAN RESIN/COVER: ABS/PLASTIC		
APPROXIMATE ELECTROLYTE VOL.	4.86 liters		
TYPE OF TERMINAL (단자규격/수량)	M8 SCREW WITH COPPER CORE NUT		
POSITIVE PLATE	TUBULAR (FIBER CLAD) TYPE		
NEGATIVE PLATE	PASTED TYPE		
EXPLOSION PROOF SAFETY VENT PLUG	POROUS CERAMIC FILTER AND PLASTIC		

EXTERNAL

SEPARATOR:
MICROPOROUS RUBBER SEPARATOR

■ Characteristics (특성)

CAPACITY (방전용량) 20 °C (68 °F)	10 HR. 17A DCHG. 10 시간율 17A 방전 CUT-OFF 1.80V	170 Ah		
	5 HR. 29A DCHG. 5 시간율 29A 방전 CUT-OFF 1.75V	145 Ah		
	1 HR. 102A DCHG. 1 시간율 102A 방전 CUT-OFF 1.60V	102 Ah		
CELL SHORT CIRCUIT CURRENT (단락전류)	25 °C (77 °F)	2660A (단락전류 2660A)		
INTERNAL RESISTANCE (내부저항)	FULL CHARGED BATTERY (만충전상태) 25 °C(77 °F)	APPROX.0.63mΩ		
CAPACITY AFFECTED BY TEMPERATURE (온도에 따른방전용량)	40 °C (104 °F)	110% (10HR. DCHG. 187 Ah)		
	20 °C (68 °F)	100% (10HR. DCHG. 170 Ah)		
	0 °C (32 °F)	75% (10HR. DCHG. 128 Ah)		
	-20 °C (-4 °F)	50% (10HR. DCHG. 85 Ah)		
SELF-DISCHARGE (자기방전) 20 °C (68 °F), REMAINING CAPACITY %	1 MONTH (1개월)	97%	6 MONTH (6개월) 80%	
	3 MONTH (3개월)	91%	12 MONTH (1년) 72%	
MAX. DCHG. CURRENT (최대방전 전류)	25 °C (77 °F)	5 SEC. DCHG.(5초방전) 1020A		
CHARGE (충전)	CYCLE (사이클)	VOLTAGE (전압)	CONST. VOLTAGE CHRG.(정전압충전) 2.30V ~ 2.50V/CELL, 25 °C	
		CURRENT (전류)	INITIAL CHRG. AMPS. LESS THAN 40A (최대충전제한전류 40A 이하)	
	NOMINAL CHARGING CURRENT		0.1C (A) C: VALUE OF 10HR CAPACITY PER DAY	
	FLOAT (부동)	VOLTAGE (전압)	CONST. VOLTAGE CHRG.(정전압충전) 2.15V~2.18V/CELL, 25 °C	
CURRENT (전류)		INITIAL CHRG. AMPS. LESS THAN 40A (최대충전제한전류 40A 이하)		
OPERATING TEMP. RANGE (사용온도)	CHRG.(충전)	0~50 °C(32~122 °F)	DCHG.(방전)	-20~50 °C(-4~122 °F)
LIFE EXPECTANCY AT 25 °C (수명)	CYCLE (사이클)	80% DCHG. (80%방전사용)	1500 CYCLES (1500회)	
		50% DCHG. (50%방전사용)	2300 CYCLES (2300회)	
		20% DCHG. (20%방전사용)	5200 CYCLES (5200회)	
	FLOAT (부동)	25 YEARS (25년)		

■ Discharge current in amperes at 25 °C (25°C 에서 방전특성)

Cut-off "V"	0.5h	1h	2h	3h	4h	5h	6h	8h	10h	20h	50h	100h
1.90V/cell	69.7	55.4	39.4	30.8	26.0	22.8	21.8	16.5	14.4	8.84	3.45	1.93
1.87V/cell	81.6	63.8	44.2	34.3	31.3	27.2	22.1	18.0	15.1	8.93	3.71	1.96
1.83V/cell	95.2	68.5	48.1	37.6	31.0	26.8	23.5	19.0	12.9	9.01	3.83	1.99
1.80V/cell	102	75.4	51.8	39.8	32.7	28.5	25.4	20.6	17.0	9.10	3.94	2.04
1.75V/cell	105	85.9	55.9	42.5	34.9	30.0	26.6	21.5	19.4	9.18	-	-
1.70V/cell	149	91.0	59.3	44.7	36.3	32.0	27.4	23.4	19.6	9.35	-	-