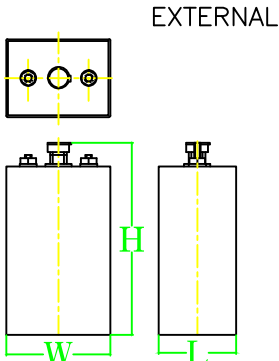


# VENTED STATIONARY LEAD-ACID BATTERIES

## ■ Specification (제원)

## OPzS300 (2V 300Ah/10HR)

NOMINAL VOLTAGE (공칭전압)		2.0V		
NOMINAL CAPACITY (공칭용량)		300 Ah/10HR		
DIMENSIONS (치수)	LENGTH (길이) ± 2 mm	145 mm (5.71 inches)		
	WIDTH (폭) ± 2 mm	207 mm (8.15 inches)		
	HEIGHT (높이) ± 5 mm	354 mm (13.9 inches)		
	TOTAL HEIGHT (총높이) ± 5 mm	409 mm (16.1 inches)		
WEIGHT APPROX. (중량)	DRY 19.2Kg (WET 25.5Kg)			
HOUSING MATERIAL (전조재질)	JAR: SAN RESIN/COVER: ABS			
TYPE OF TERMINAL (단자규격/수량)	M8 SCREW WITH COPPER CORE NUT			

## ■ Characteristics (특성)

CAPACITY (방전용량) 20 °C (68 °F)	10 HR. 30A DCHG. 10 시간용 30A 방전 CUT-OFF 1.80V	300 Ah	
	5 HR. 53A DCHG. 5 시간용 53A 방전 CUT-OFF 1.75V	265 Ah	
	1 HR. 180A DCHG. 1 시간용 180A 방전 CUT-OFF 1.60V	180 Ah	
CELL SHORT CIRCUIT CURRENT (단락전류) 20 °C (68 °F)	3650A (단락전류 3650A)		
INTERNAL RESISTANCE (내부저항) FULL CHARGED BATTERY (만충전상태) 25 °C(77 °F)	APPROX.0.53mΩ		
CAPACITY AFFECTED BY TEMPERATURE (온도에 따른방전용량)	40 °C (104 °F)	110% (10HR. DCHG. 330 Ah)	
	25 °C (77 °F)	100% (10HR. DCHG. 300 Ah)	
	0 °C (32 °F)	75% (10HR. DCHG. 225 Ah)	
	-20 °C (-4 °F)	50% (10HR. DCHG. 150 Ah)	
SELF-DISCHARGE (자기방전) 20 °C (68 °F), REMAINING CAPACITY %	1 MONTH (1개월)	92%	6 MONTH (6개월) 80%
	3 MONTH (3개월)	86%	12 MONTH (1년) 72%
MAX. DCHG. CURRENT (최대방전 전류) 20 °C (68 °F)	5 SEC. DCHG. (5초방전) 1800A		
CHARGE (충전)	CYCLE (사이클)	VOLTAGE (전압)	CONST. VOLTAGE CHRG. (정전압충전) 2.35V~2.40V/CELL, 20 °C
		CURRENT (전류)	INITIAL CHRG. AMPS. LESS THAN 75A (최대충전제한전류 75A 이하)
	FLOAT (부동)	VOLTAGE (전압)	CONST. VOLTAGE CHRG. (정전압충전) 2.18V~2.20V/CELL, 20 °C
		CURRENT (전류)	INITIAL CHRG. AMPS. LESS THAN 75A (최대충전제한전류 75A 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)
		30% DCHG. (30%방전사용)	3900 CYCLES (3900회)
	FLOAT (부동)	(20~22년)	

## ■ Discharge current in amperes at 25±5 °C

Cut-off "V"	0,5h	1h	2h	3h	4h	5h	6h	8h	10h	20h	100h	120h
1.90V/cell	123	98	69.2	54.2	45.8	40.0	35.2	28.9	25.3	15.6	4.00	3.36
1.87V/cell	143	112	77.6	60.2	50.5	43.9	38.9	31.6	26.4	15.7	4.20	3.53
1.83V/cell	167	128	84.5	65.9	54.4	47.0	41.2	33.4	28.6	15.8	4.29	3.60
1.80V/cell	178	132	91.2	69.9	57.4	50.0	44.5	36.1	30.1	16.0	4.38	3.68
1.75V/cell	183	151	98.0	74.6	61.3	52.7	47.0	37.9	34.3	16.2	4.52	3.80
1.70V/cell	189	160	104	78.5	65.0	56.2	48.2	41.2	34.7	16.4	-	-