

OPzV600 VRLA STATIONARY BATTERY



1. Specification

DIN Size Tubular Plate

NOMINAL VOLTAGE		2 V		TERMINAL:mm
NOMINAL CAPACITY		600 Ah/10HR		
DIMENSIONS	LENGTH	± 2 mm	145 mm (5.71 inches)	
	WIDTH	± 2 mm	206 mm (8.11 inches)	
	HEIGHT	± 3 mm	647 mm (25.5 inches)	
	TOTAL HEIGHT	± 5 mm	679 mm (26.7 inches)	
COMPLETE CELL WEIGHT		48.0kg (105.6lbs)		
Type of Electrolyte		Gel Type		
Housing Material		ABS Resin		

2. Constant current discharge Ratings—Amperes 25°C/77°F(Operating time to final voltage)

Final Voltage	30min	1hr	2hr	3hr	5hr	6hr	8hr	10hr	20hr	24hr	48hr	100hr
1.65	522	345	226	177	122	98.7	80.0	70.0	36.1	29.9	16.0	7.88
1.70	507	330	213	167	115	93.3	76.7	66.0	35.3	29.8	15.9	7.87
1.75	480	315	201	159	109	88.7	73.3	63.0	34.2	29.7	15.7	7.80
1.80	462	300	190	150	102	84.7	70.7	60.0	32.4	29.6	15.6	7.75
1.85	435	285	181	141	98.0	80.7	66.6	56.7	30.6	28.2	15.5	7.73

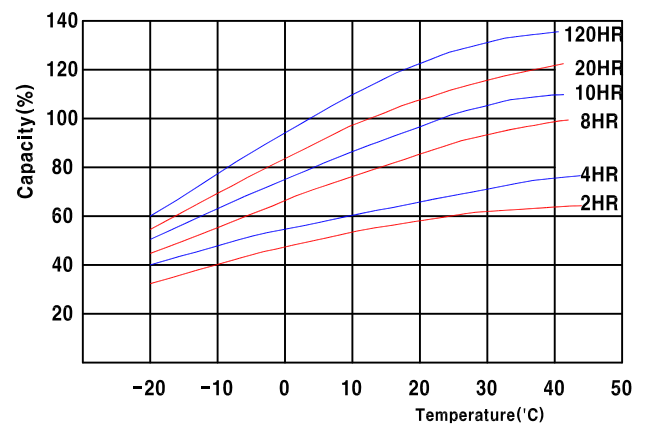
3. Constant power discharge Ratings—watts 25°C/77°F(Operating time to final voltage)

Final Voltage	30min	1hr	2hr	3hr	5hr	6hr	8hr	10hr	20hr	24hr	48hr	100hr
1.65	1095	705	505	354	229	219	181	135	68.0	61.2	40.5	21.0
1.70	1029	684	495	342	225	212	174	131	67.3	60.6	40.4	20.9
1.75	941	666	482	331	222	206	168	126	66.6	60.0	40.3	20.8
1.80	837	624	471	318	216	198	162	123	66.0	59.4	40.2	20.7
1.85	726	609	447	302	207	189	155	117	62.4	56.7	40.1	20.6

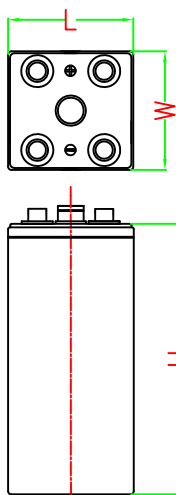
4. Characteristics

Float Life 25 °C(77 °F)	22 years	
Cycle Life 25 C/77 F	80% DOD: 1500 cycle 25% DOD: 5500 cycle	
Charging voltage 25 °C/77 F	Float use	2.23V~2.27V
	Cycle use	2.33V~2.37V
Max. Charging Current	180A 25°C/77°F	
Recharge time 25°C/77°F	Float use	>96hours
	Cycle use	24hours(50%DOD)or 48hours(100%DOD)
Self discharge 25°C/77°F	<0.08% per week	
Internal Resistance(25C)	0.45mΩ(approx)	
Short Circuit Current	4050A 0.1Sec(25°C/77°F)	
Operation Temp. range	-20°C~+45°C(-4°F~+113°F)	

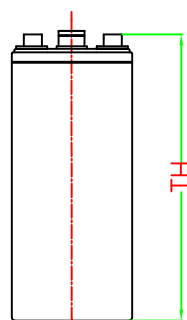
5. Relation Covers between Temp. and Capacity



6. Dimensions



Nos. of Terminal : 4pcs.



7. Discharge Curve

