

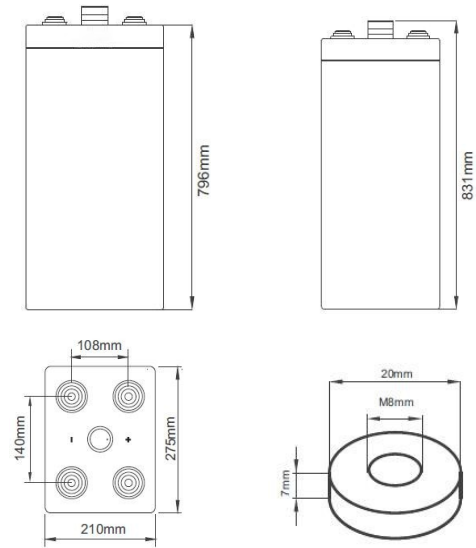
OPzV SERIES 150PzV1500(2V1500AH/10HR)

Specifications

Nominal Voltage	2V	
Nominal Capacity(10hr)	1500AH	
Dimension	Length	210±2mm(8.27inch)
	Width	275±2mm(10.83inch)
	Height	795±2mm(31.30inch)
	Total Height	850±2mm(33.46inch)
Approx Weight	Approx. 105kg(+/-4%)	
Terminal Type	M8	
container Material	ABS	
Internal Resistance	Approx.0.32mΩ	
Rated Capacity	1610AH	(20hr, 1.80V/cell,25°C/77°F)
	1500AH	(10hr, 1.80V/cell,25°C/77°F)
	1340AH	(5hr, 1.75V/cell,25°C/77°F)
	1191AH	(3hr, 1.75V/cell,25°C/77°F)
	686AH	(1hr, 1.75V/cell,25°C/77°F)
Max. Charge Current	300A	
Max. Discharge Current	3000A	
Short Circuit Current	6200A	
Self Discharge	Approx. 2% per month @ 20°C	
Float Charge Voltage (20~25°C)	2.25-2.29V (-3mV / C/ cell)	
Equalize Charge Voltage (20~25°C)	2.35-2.40V (-5mV / C/ cell)	
Ambient Temperature	Discharge: -40~65°C	
	Charge: -30~65°C	
	Storage: -25~45°C	



Dimensions



Constant Power Discharge at 25°C(77°F)

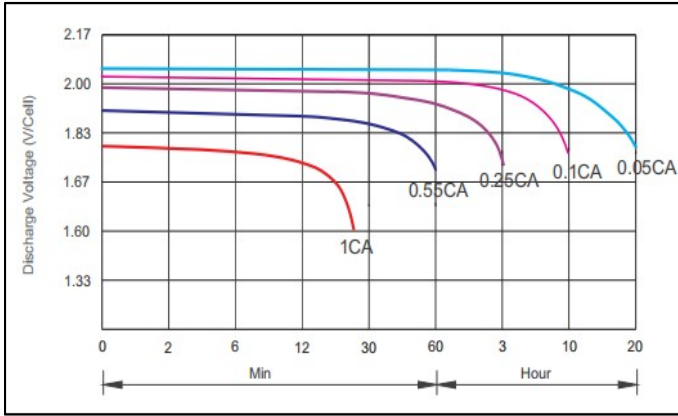
F.V/Time	10min	15min	30min	1h	2h	3h	5h	8h	10h
1.90V/cell	1031	1005	944	799	693,0	585,0	436,0	313,0	260,0
1.85V/cell	1563	1438	1247	991	834,0	679,0	494,0	343,0	281,0
1.80V/cell	1985	1809	1472	1176	919,0	736,0	505,0	351,0	286,0
1.75V/cell	2071	1956	1702	1262	947,0	745,0	508,0	353,0	292,0

Constant Current Discharge at 25°C(77°F)

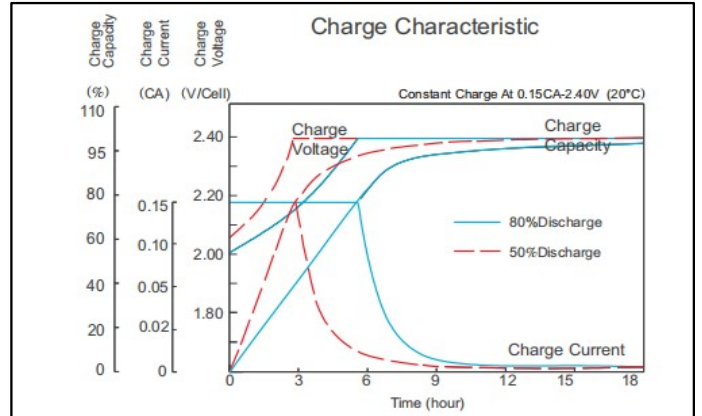
F.V/Time	10min	15min	30min	1h	2h	3h	5h	8h	10h
1.90V/cell	534,0	519,0	485,0	407,0	350,0	294,0	218,0	156,0	129,0
1.85V/cell	837,0	766,0	660,0	519,0	432,0	349,0	251,0	173,0	141,0
1.80V/cell	1091,0	989,0	798,0	631,0	487,0	386,0	262,0	181,0	150,0
1.75V/cell	1157,0	1086,0	936,0	686,0	508,0	397,0	268,0	184,0	151,0

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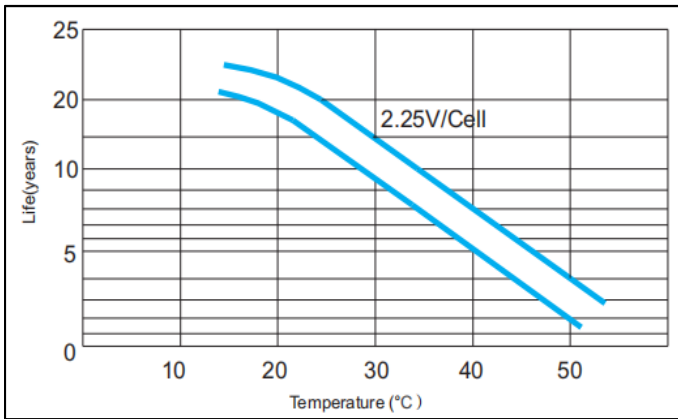
Discharge Characteristics



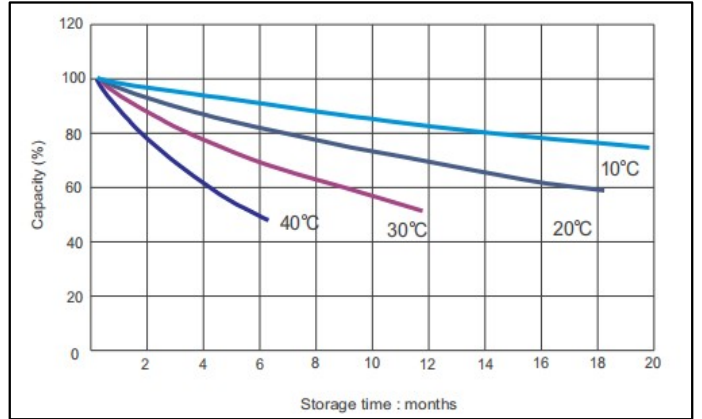
Charge Characteristics



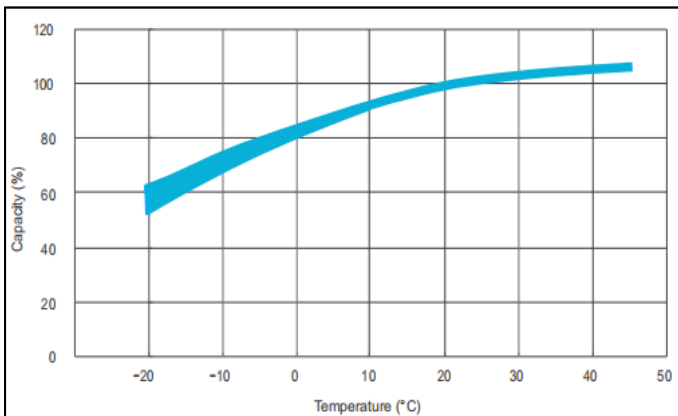
Floating Life on Temperature



Self Discharge Characteristics (25°C(77°F))



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

