

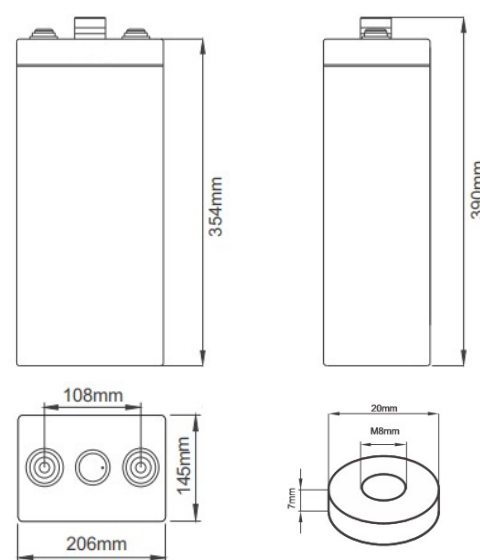
OPzV SERIES 60PzV300(2V300AH/10HR)

Specifications

Nominal Voltage	2V	
Nominal Capacity(10hr)	300AH	
Dimension	Length	206±2mm(8.11inch)
	Width	145±2mm(5.71inch)
	Height	354±2mm(13.94inch)
	Total Height	390±2mm(15.35inch)
Approx Weight	Approx. 24.4kg(+ -4%)	
Terminal Type	M8	
container Material	ABS	
Internal Resistance	Approx.0.76mΩ	
Rated Capacity	327AH	(20hr, 1.80V/cell,25°C/77°F)
	300AH	(10hr, 1.80V/cell,25°C/77°F)
	273AH	(5hr, 1.75V/cell,25°C/77°F)
	243AH	(3hr, 1.75V/cell,25°C/77°F)
	142AH	(1hr, 1.75V/cell,25°C/77°F)
Max. Charge Current	60A	
Max. Discharge Current	1500A	
Short Circuit Current	2600A	
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)

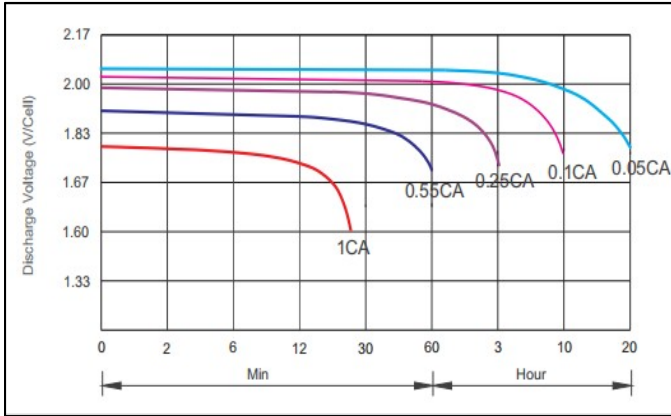
F.V/Time	10min	15min	30min	1h	2h	3h	5h	8h	10h
1.90V/cell	212	207	195	165	141,0	119,0	88,9	64,0	53,1
1.85V/cell	322	296	257	204	170,0	139,0	101,0	70,0	57,4
1.80V/cell	409	373	304	242	188,0	150,0	103,0	71,7	58,4
1.75V/cell	427	403	351	260	193,0	152,0	104,0	72,0	59,5

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

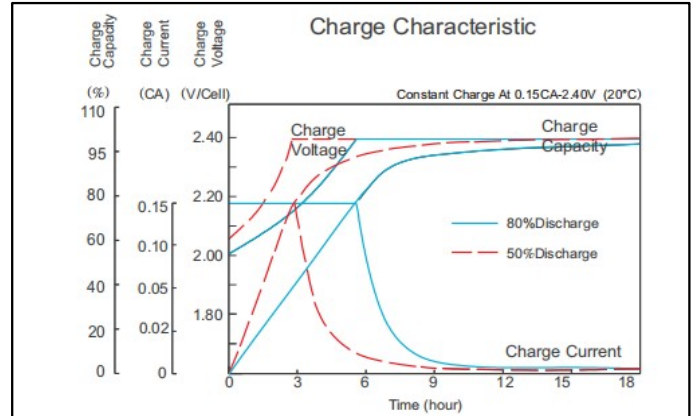
F.V/Time	10min	15min	30min	1h	2h	3h	5h	8h	10h
1.90V/cell	110,0	107,0	100,0	84,0	71,5	60,0	44,4	31,8	26,3
1.85V/cell	172,0	158,0	136,0	107,0	88,2	71,1	51,3	35,3	28,9
1.80V/cell	225,0	204,0	165,0	130,0	99,4	78,8	53,6	36,9	30,0
1.75V/cell	238,0	224,0	193,0	142,0	104,0	81,0	54,6	37,5	30,9

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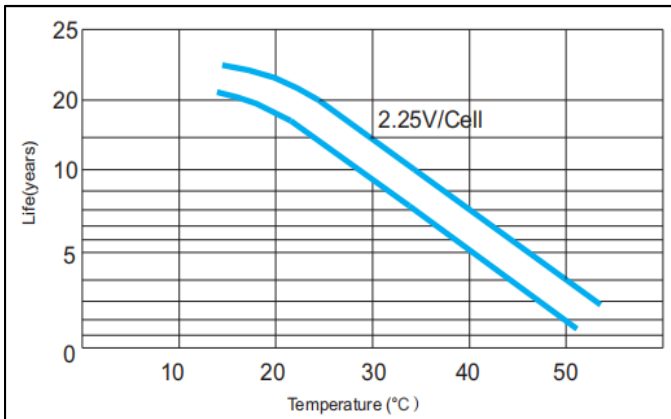
Discharge Characteristics



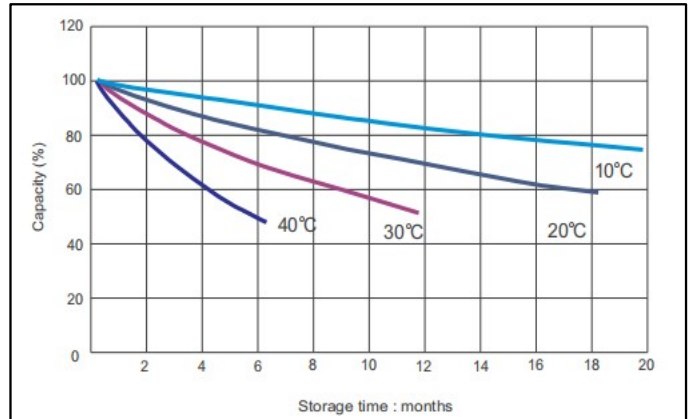
Charge Characteristics



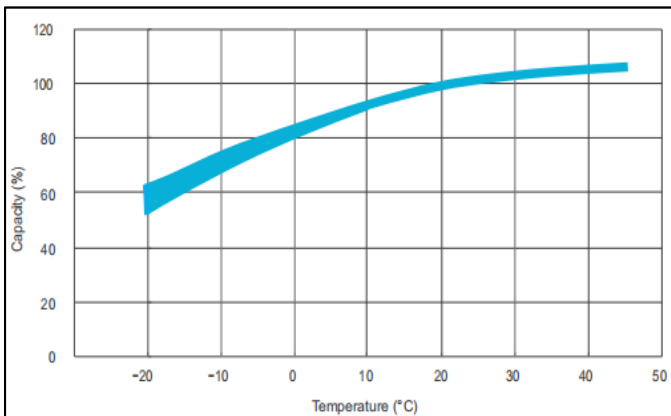
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

