

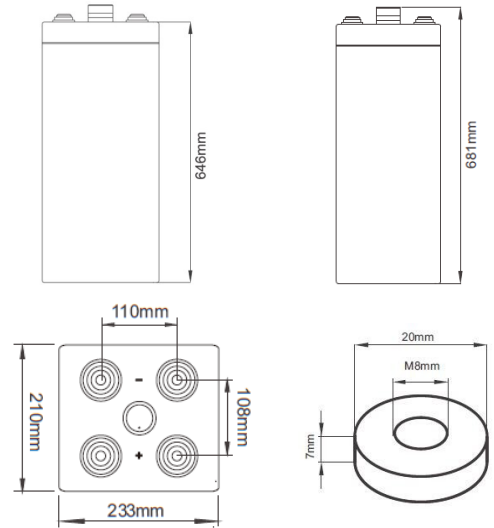
OPzV SERIES
100PzV1000(2V1000AH/10HR)

Specifications

Nominal Voltage	2V	
Nominal Capacity(10hr)	1000AH	
Dimension	Length	210±2mm(8.27inch)
	Width	233±2mm(9.17inch)
	Height	645±2mm(25.39inch)
	Total Height	700±2mm(27.56inch)
Approx Weight	Approx. 73.2kg(+/-4%)	
Terminal Type	M8	
container Material	ABS	
Internal Resistance	Approx.0.37mΩ	
Rated Capacity	1080AH	(20hr, 1.80V/cell,25°C/77°F)
	1010AH	(10hr, 1.80V/cell,25°C/77°F)
	890AH	(5hr, 1.75V/cell,25°C/77°F)
	795AH	(3hr, 1.75V/cell,25°C/77°F)
	460AH	(1hr, 1.75V/cell,25°C/77°F)
Max. Charge Current	200A	
Max. Discharge Current	2500A	
Short Circuit Current	5400A	
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)

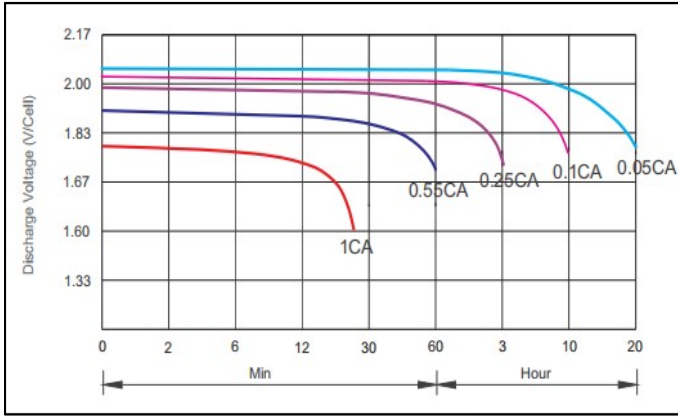
F.V/Time	10min	15min	30min	1h	2h	3h	5h	8h	10h
1.90V/cell	691	673	633	536	462,0	390,0	291,0	209,0	177,0
1.85V/cell	1047	963	835	664	556,0	453,0	330,0	229,0	191,0
1.80V/cell	1330	1212	986	788	613,0	491,0	337,0	234,0	194,0
1.75V/cell	1388	1310	1141	846	631,0	497,0	339,0	235,0	195,0

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

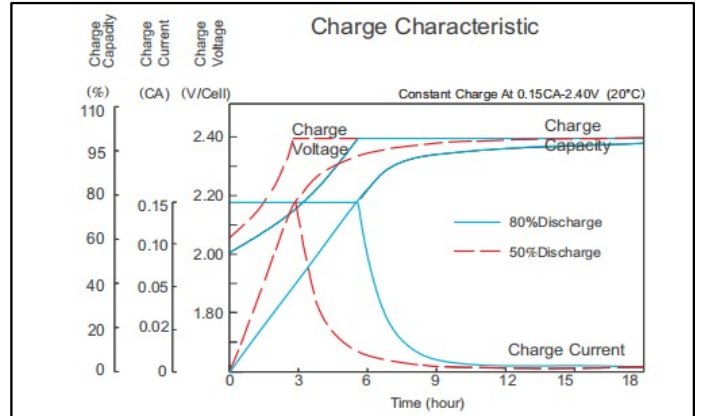
F.V/Time	10min	15min	30min	1h	2h	3h	5h	8h	10h
1.90V/cell	358,0	348,0	325,0	273,0	234,0	196,0	145,0	104,0	87,5
1.85V/cell	561,0	514,0	442,0	348,0	288,0	232,0	168,0	115,0	96,2
1.80V/cell	731,0	663,0	535,0	423,0	325,0	257,0	175,0	121,0	100,0
1.75V/cell	775,0	728,0	627,0	460,0	339,0	265,0	178,0	123,0	101,0

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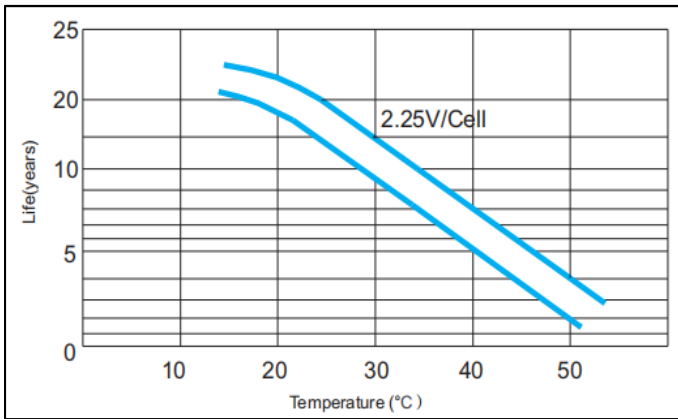
Discharge Characteristics



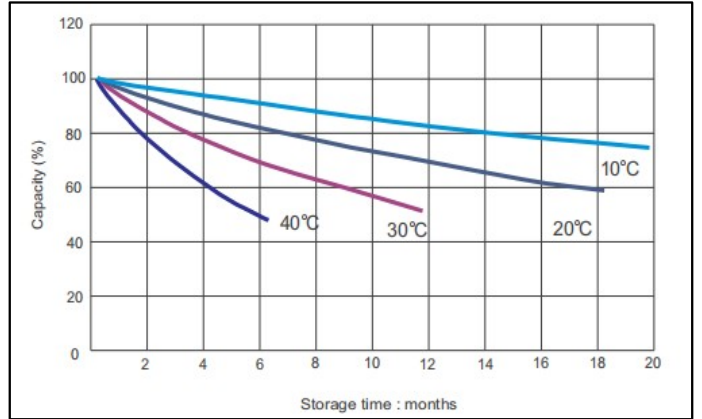
Charge Characteristics



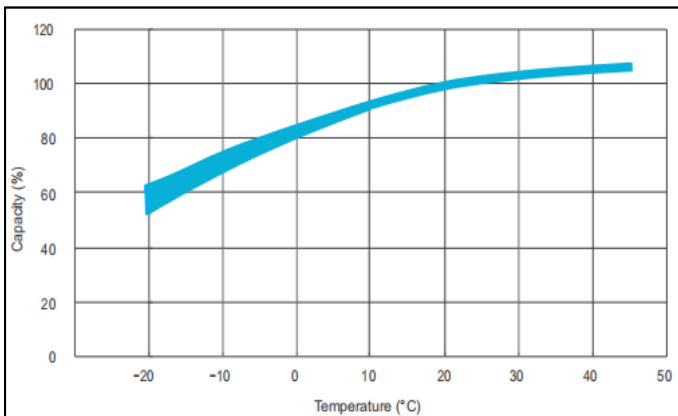
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

