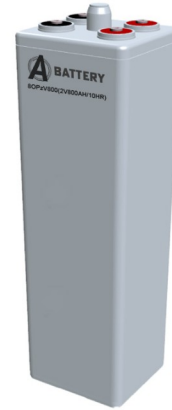


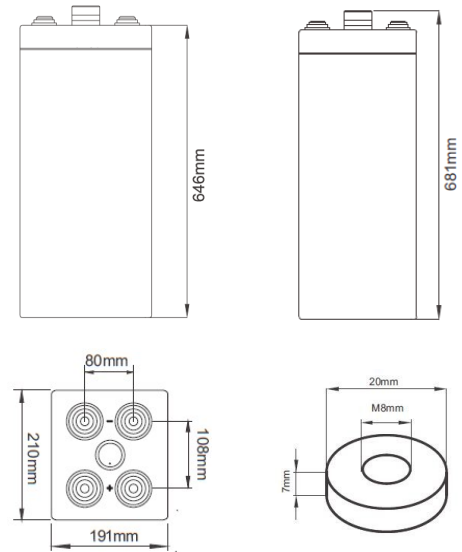
OPzV SERIES 80PzV800(2V800AH/10HR)

Specifications

Nominal Voltage	2V	
Nominal Capacity(10hr)	800AH	
Dimension	Length	210±2mm(8.27inch)
	Width	191±2mm(7.52inch)
	Height	645±2mm(25.39inch)
	Total Height	700±2mm(27.56inch)
Approx Weight	Approx. 60kg(+/-4%)	
Terminal Type	M8	
container Material	ABS	
Internal Resistance	Approx.0.46mΩ	
Rated Capacity	870AH	(20hr, 1.80V/cell,25°C/77°F)
	812AH	(10hr, 1.80V/cell,25°C/77°F)
	715AH	(5hr, 1.75V/cell,25°C/77°F)
	639AH	(3hr, 1.75V/cell,25°C/77°F)
	372AH	(1hr, 1.75V/cell,25°C/77°F)
Max. Charge Current	160A	
Max. Discharge Current	2000A	
Short Circuit Current	4300A	
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)

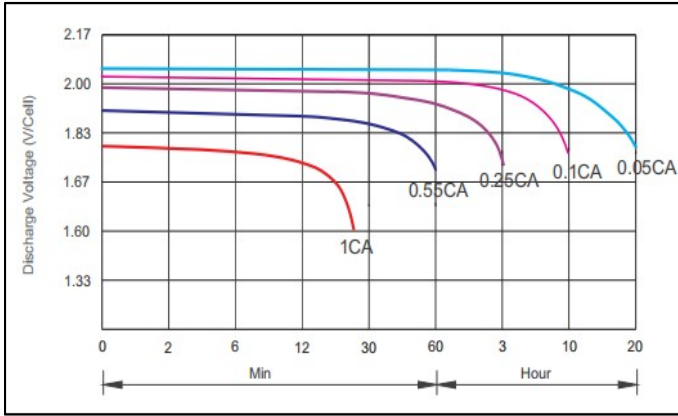
F.V/Time	10min	15min	30min	1h	2h	3h	5h	8h	10h
1.90V/cell	558	544	511	433	371,0	314,0	234,0	168,0	141,0
1.85V/cell	846	779	675	537	447,0	364,0	265,0	184,0	152,0
1.80V/cell	1075	980	797	637	493,0	395,0	271,0	188,0	155,0
1.75V/cell	1122	1059	922	684	508,0	400,0	272,0	189,0	156,0

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

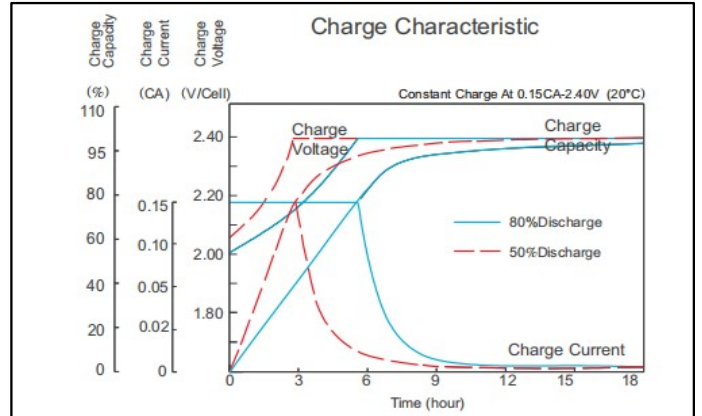
F.V/Time	10min	15min	30min	1h	2h	3h	5h	8h	10h
1.90V/cell	289,0	281,0	263,0	221,0	188,0	158,0	117,0	83,5	69,7
1.85V/cell	453,0	415,0	357,0	281,0	232,0	187,0	135,0	92,8	76,5
1.80V/cell	591,0	536,0	432,0	341,0	261,0	207,0	141,0	96,9	80,0
1.75V/cell	626,0	588,0	507,0	372,0	273,0	213,0	143,0	98,5	81,2

OPzV SERIES
80PzV800(2V800AH/10HR)

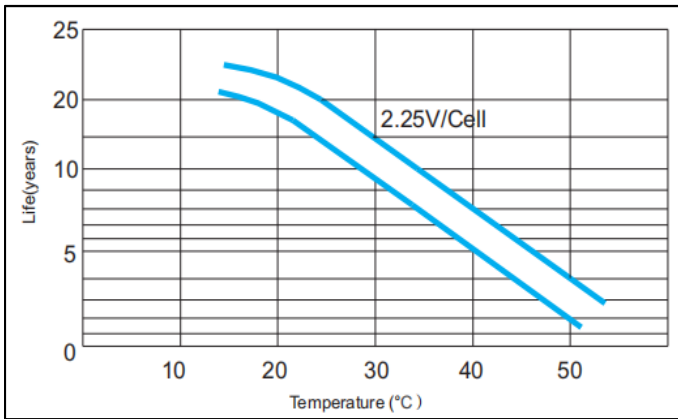
Discharge Characteristics



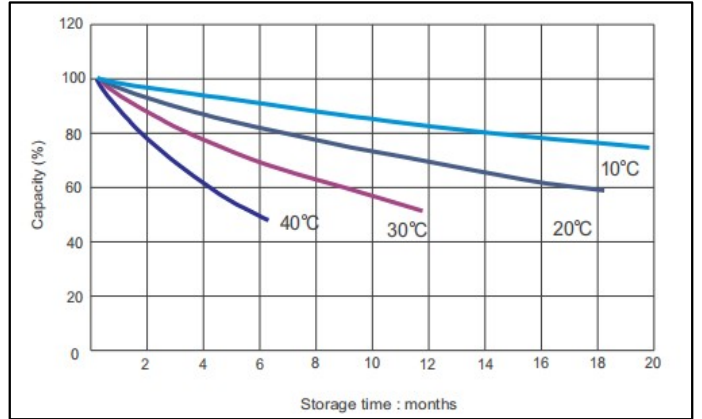
Charge Characteristics



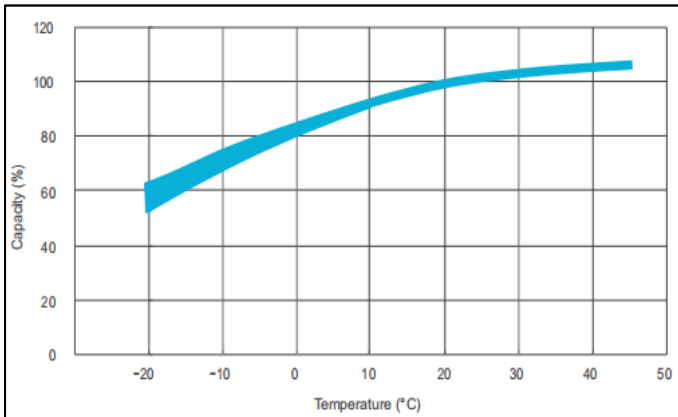
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

