

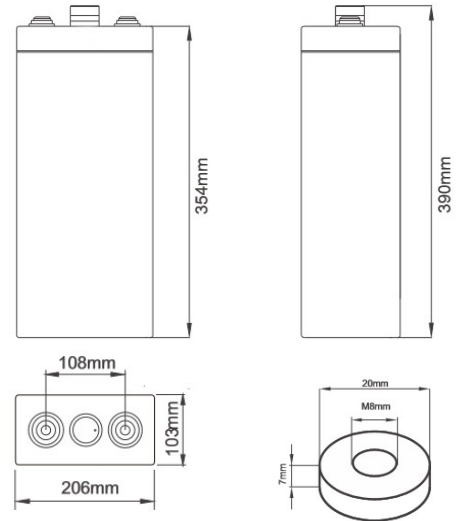
## OPzV SERIES 4OPzV200(2V200AH/10HR)

### Specifications

Nominal Voltage	2V		
Nominal Capacity(10hr)	200AH		
Dimension	Length	206±2mm(8.11inch)	
	Width	103±2mm(4.06inch)	
	Height	354±2mm(13.94inch)	
	Total Height	390±2mm(15.35inch)	
Approx Weight	Approx. 16.5kg(+/-4%)		
Terminal Type	M8		
container Material	ABS		
Internal Resistance	Approx.1.1mΩ		
Rated Capacity	220AH	(20hr, 1.80V/cell,25°C/77°F)	
	200AH	(10hr, 1.80V/cell,25°C/77°F)	
	182AH	(5hr, 1.75V/cell,25°C/77°F)	
	162AH	(3hr, 1.75V/cell,25°C/77°F)	
	94AH	(1hr, 1.75V/cell,25°C/77°F)	
Max. Charge Current	40A		
Max. Discharge Current	1000A		
Short Circuit Current	1800A		
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

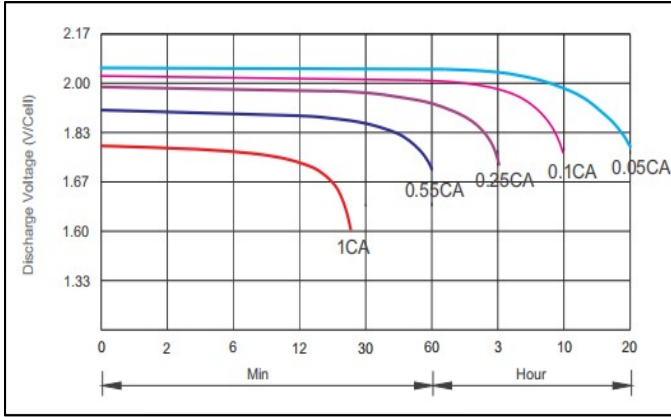


Constant Power Discharge at 25°C(77°F)									
F.V/Time	10min	15min	30min	1h	2h	3h	5h	8h	10h
1.90V/cell	142	138	130	110	94,2	79,6	59,3	42,6	35,4
1.85V/cell	215	198	171	136	114,0	92,4	67,3	46,7	38,2
1.80V/cell	273	249	202	162	125,0	100,0	68,7	47,8	39,0
1.75V/cell	285	269	234	173	129,0	101,0	69,1	48,0	39,7

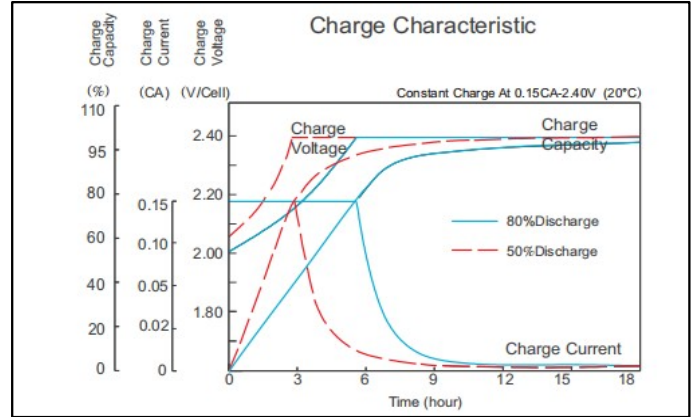
Constant Current Discharge at 25°C(77°F)									
F.V/Time	10min	15min	30min	1h	2h	3h	5h	8h	10h
1.90V/cell	73,4	71,3	66,7	56,0	47,7	40,0	29,6	21,2	17,5
1.85V/cell	115,0	105,0	90,7	71,3	58,8	47,4	34,2	23,5	19,2
1.80V/cell	150,0	136,0	110,0	86,7	66,2	52,5	35,7	24,6	20,0
1.75V/cell	159,0	149,0	129,0	94,3	69,2	54,0	36,4	25,0	20,6

**OPzV SERIES  
40PzV200(2V200AH/10HR)**

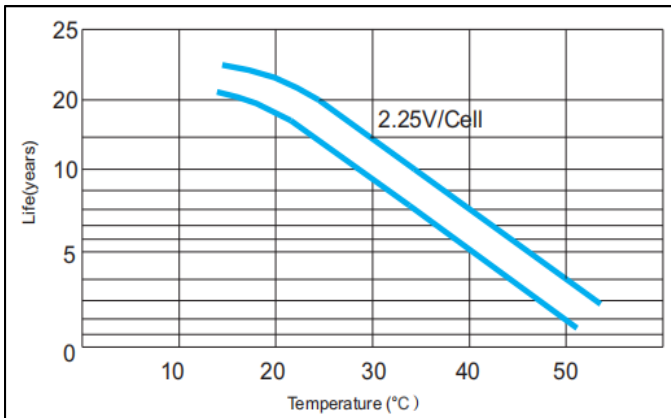
**Discharge Characteristics**



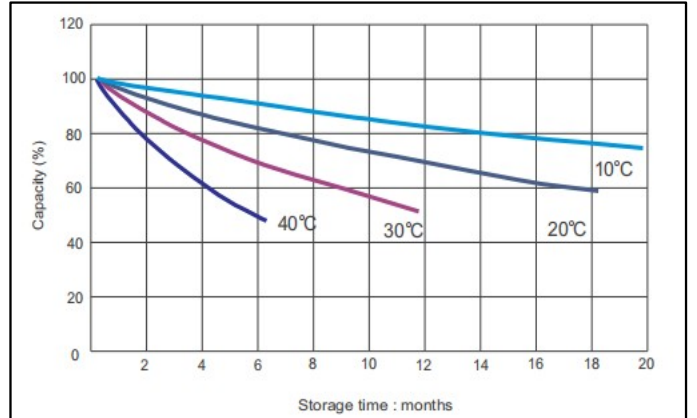
**Charge Characteristics**



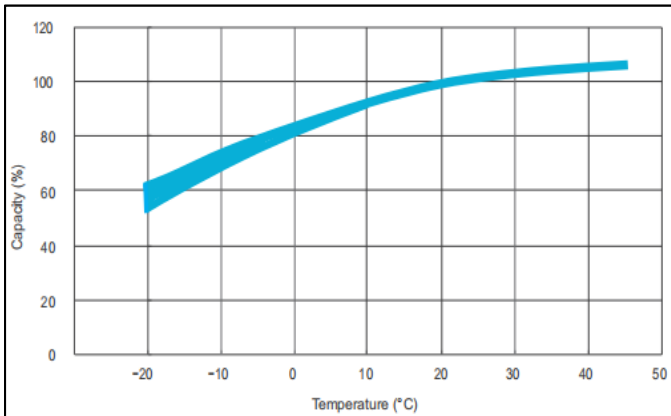
**Floating Life on Temperature**



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



**Temperature Effects in Relation to Battery Capacity**



**Cycle Life Relation to Depth of Discharge**

