

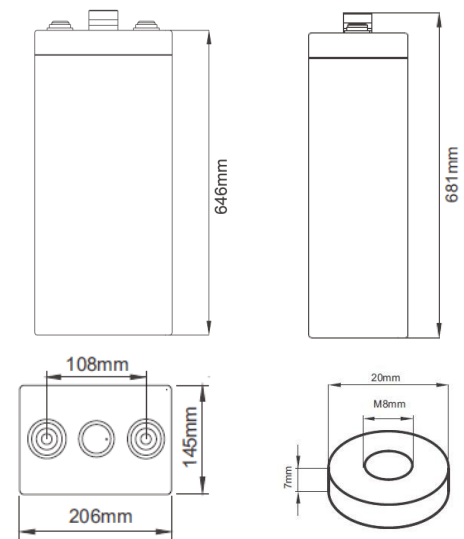
## OPzV SERIES 60PzV600(2V600AH/10HR)

### Specifications

Nominal Voltage	2V	
Nominal Capacity(10hr)	600AH	
Dimension	Length	206±2mm(8.11inch)
	Width	145±2mm(5.71inch)
	Height	645±2mm(25.39inch)
	Total Height	700±2mm(27.56inch)
Approx Weight	Approx. 44.2kg(+/-4%)	
Terminal Type	M8	
container Material	ABS	
Internal Resistance	Approx.0.63mΩ	
Rated Capacity	650AH	(20hr, 1.80V/cell,25°C/77°F)
	618AH	(10hr, 1.80V/cell,25°C/77°F)
	545AH	(5hr, 1.75V/cell,25°C/77°F)
	486AH	(3hr, 1.75V/cell,25°C/77°F)
	283AH	(1hr, 1.75V/cell,25°C/77°F)
Max. Charge Current	120A	
Max. Discharge Current	2000A	
Short Circuit Current	3100A	
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)

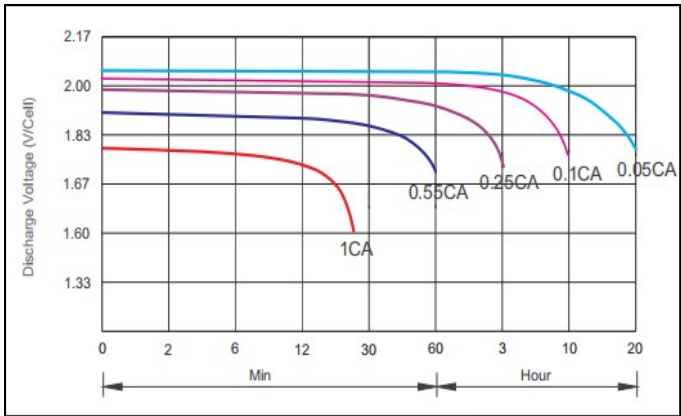
F.V/Time	10min	15min	30min	1h	2h	3h	5h	8h	10h
1.90V/cell	425	414	389	330	283,0	239,0	178,0	128,0	106,0
1.85V/cell	644	593	514	409	341,0	277,0	202,0	140,0	115,0
1.80V/cell	819	746	607	485	375,0	301,0	206,0	143,0	117,0
1.75V/cell	854	806	702	520	386,0	304,0	207,0	144,0	119,0

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

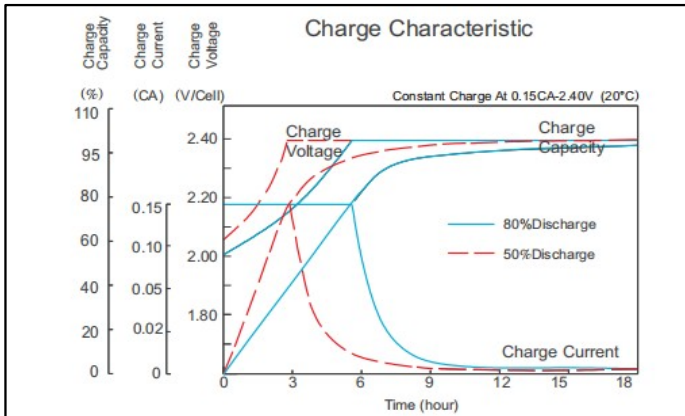
F.V/Time	10min	15min	30min	1h	2h	3h	5h	8h	10h
1.90V/cell	220,0	214,0	200,0	168,0	143,0	120,0	88,9	63,6	52,5
1.85V/cell	345,0	316,0	272,0	214,0	176,0	142,0	103,0	70,6	57,7
1.80V/cell	450,0	408,0	329,0	260,0	199,0	158,0	107,0	73,8	60,0
1.75V/cell	477,0	448,0	386,0	283,0	208,0	162,0	109,0	75,0	61,8

**OPzV SERIES  
60PzV600(2V600AH/10HR)**

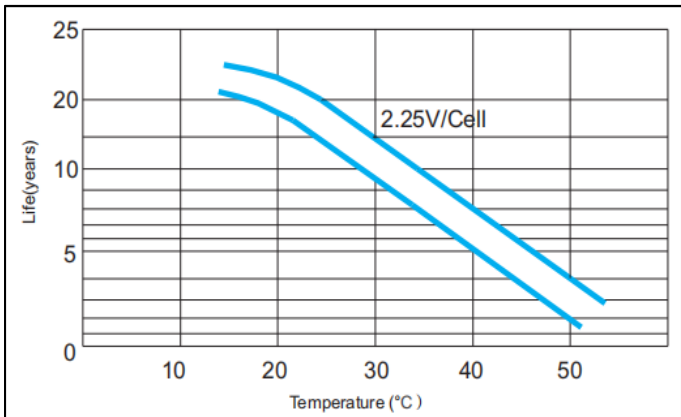
**Discharge Characteristics**



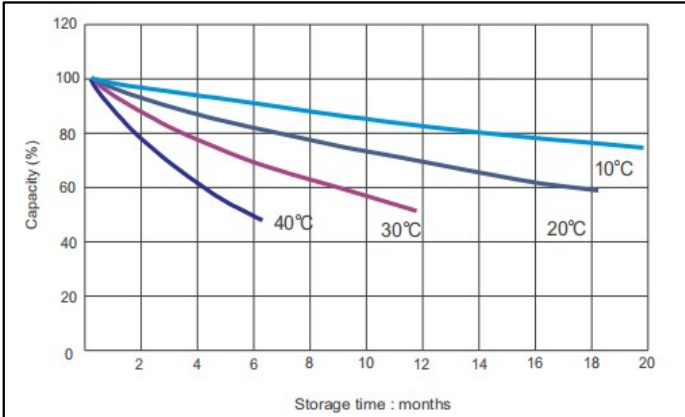
**Charge Characteristics**



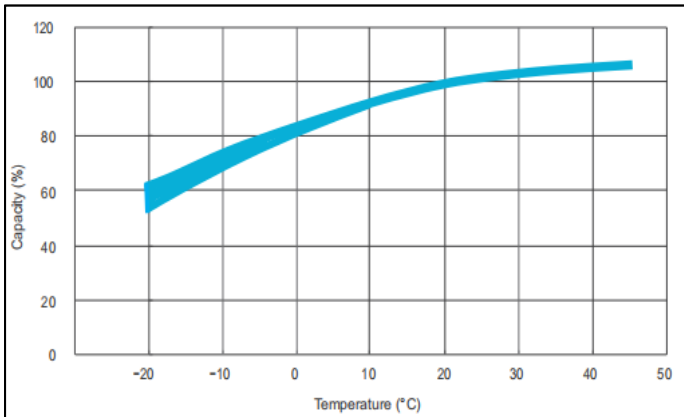
**Floating Life on Temperature**



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



**Temperature Effects in Relation to Battery Capacity**



**Cycle Life Relation to Depth of Discharge**

