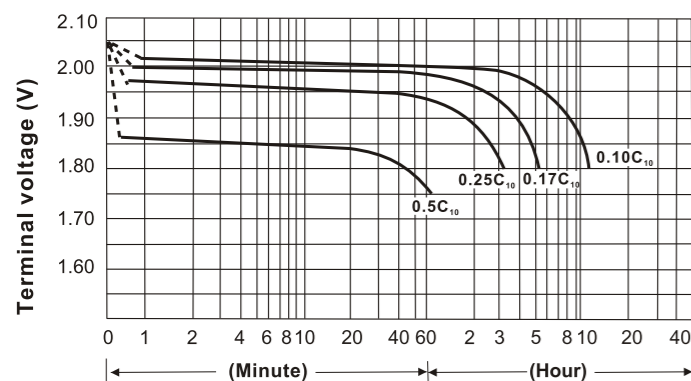
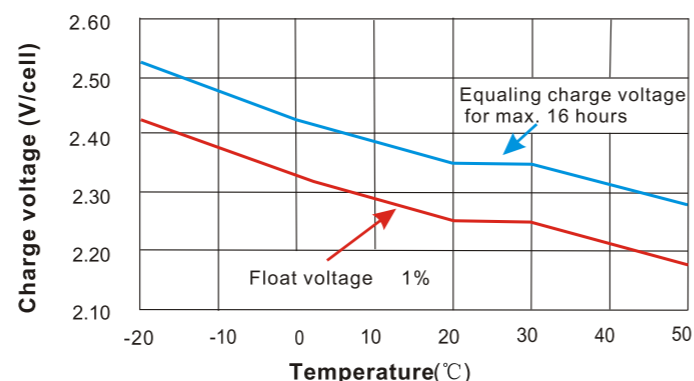


## Performance Curve

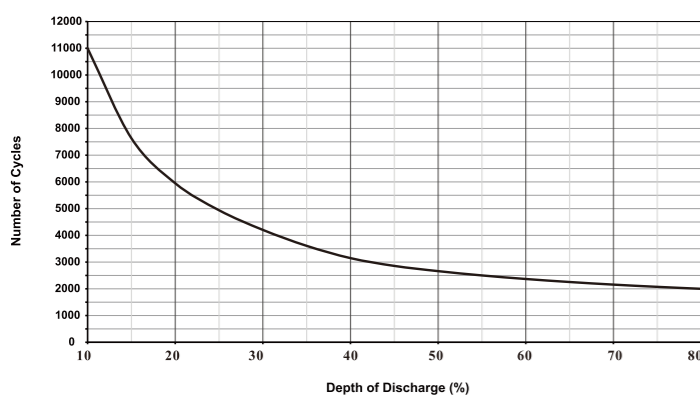
Discharging Characteristics (25°C/77°F)



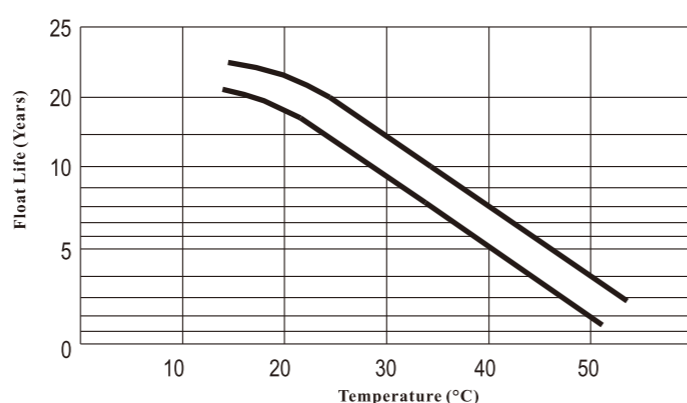
Charging Voltage Characteristics



Cycle Life With Depth of Discharge



Float Life Characteristics



HKEx Code: 00819



## OPzS Series

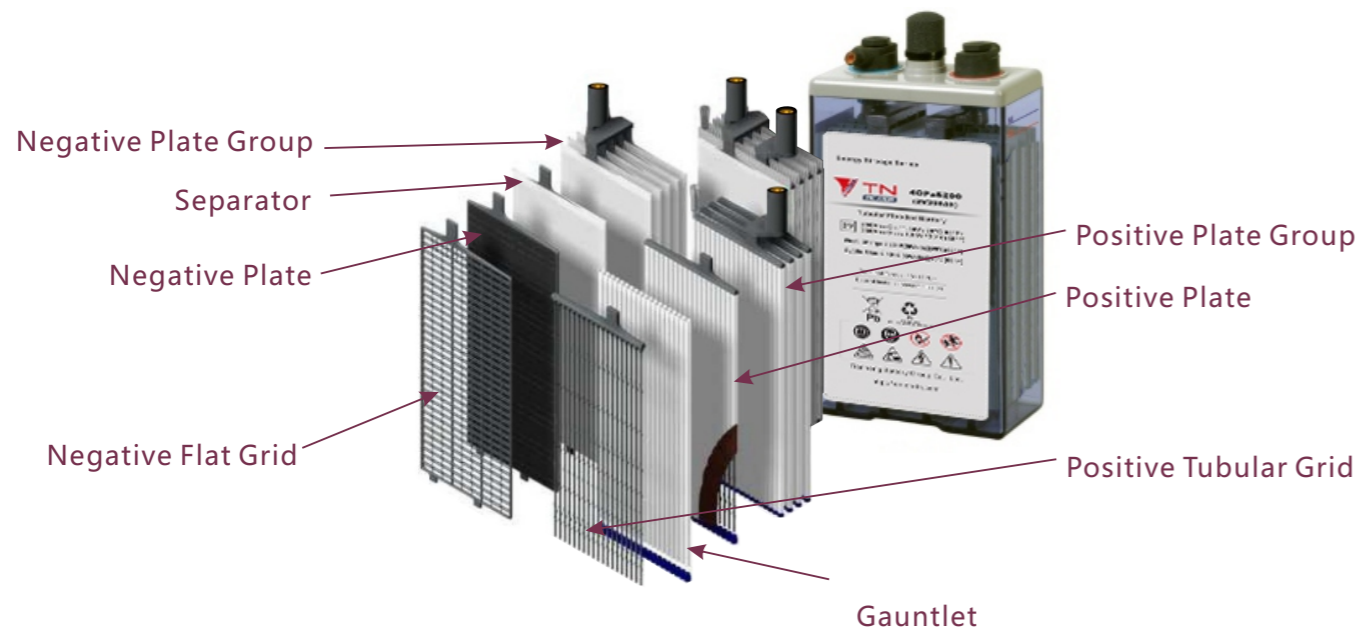
## Tubular Flooded Battery

**Tianneng Battery Group Co., Ltd. (HQ)**  
 18 Baoqiao Road, Huaxi Industrial Function Zone,  
 Zhejiang, China 313100  
 Tel: +86-572-6058015  
 www.tiannenggroup.com  
 Email: [export@tiannenggroup.com](mailto:export@tiannenggroup.com)

**Hong Kong Branch:**  
 Suite 3202, Central Plaza,  
 18 Harbour Road, Wanchai, Hongkong



## Industry Battery-OPzS Series (Tubular Flooded Technology)



### FEATURES AND BENEFITS

- ✦ **Positive Tubular Plates:** designed with a low selenium lead alloy to reduce water loss and increase intervals between watering. The tubular design prevents the loss of active material during operation and prolongs the service life.
- ✦ **Negative Flat Plates:** rugged pasted grid construction designed.
- ✦ **Electrolyte:** high purity sulfuric acid solution with 1.24 specific gravity at 25°C/77°F when fully charged.
- ✦ **Separators:** made with a high porosity/low resistance material for high efficiency and low self discharge rate.
- ✦ **Container:** made from an acid resistant transparent SAN material, designed for unsurpassed mechanical strength and easy cell status inspection.
- ✦ **Terminal Posts:** female threaded terminal posts provides high conductivity, retain required torque values.
- ✦ **Post Seals:** developed with high integrity design to prevent electrolyte leakage and eliminate terminal corrosion.
- ✦ **Vent Caps:** effectively prevents acid spray from the cell when “gassing” during boost charge. Caps are provided with a ceramic filter and bayonet lock, designed to prevent any errant spark or flame from entering the cell.
- ✦ **Capacities:** 2V200~3000Ah, proven to exceed DIN standard nominal values.

### Product Specification

Model	Nominal Voltage (V)	Nominal capacity C10 (AH) 1.80Vpc/25°C	Nominal capacity C20 (AH) 1.80Vpc/25°C	Dimension (mm)				Weight (Kg)	Dimension (Inch)				Weight (lbs)	Terminal
				L	W	H	TH		L	W	H	TH		
2OPzS100	2	100	103.00	103	206	355	410	8.1	4.1	8.1	14.0	16.1	17.9	17
3OPzS150	2	150	154.50	103	206	355	410	10.8	4.1	8.1	14.0	16.1	23.8	17
4 OPzS200	2	200	206.00	103	206	355	410	12.9	4.1	8.1	14.0	16.1	28.4	17
5 OPzS250	2	250	257.50	124	206	355	410	15.4	4.9	8.1	14.0	16.1	34.0	17
6 OPzS300	2	300	309.00	145	206	355	410	18.5	5.7	8.1	14.0	16.1	40.8	17
5 OPzS350	2	350	360.50	124	206	471	526	21	4.9	8.1	18.5	20.7	46.3	17
6 OPzS420	2	420	432.60	145	206	471	526	24.5	5.7	8.1	18.5	20.7	54.0	17
7 OPzS490	2	490	504.70	166	206	471	526	28.2	6.5	8.1	18.5	20.7	62.2	17
6 OPzS600	2	600	618.00	145	206	646	701	33.4	5.7	8.1	25.4	27.6	73.6	17
8 OPzS800	2	800	824.00	191	210	646	701	47	7.5	8.3	25.4	27.6	103.6	17
10 OPzS1000	2	1000	1030.00	233	210	646	701	57.4	9.2	8.3	25.4	27.6	126.5	17
12 OPzS1200	2	1200	1236.00	275	210	646	701	67.7	10.8	8.3	25.4	27.6	149.3	17
12 OPzS1500	2	1500	1545.00	275	210	796	851	83.8	10.8	8.3	31.3	33.5	184.7	17
16 OPzS2000	2	2000	2060.00	399	214	772	827	110	15.7	8.4	30.4	32.6	242.5	17
20 OPzS2500	2	2500	2575.00	487	212	772	827	139.4	19.2	8.3	30.4	32.6	307.3	17
24 OPzS3000	2	3000	3090.00	576	212	772	827	164.8	22.7	8.3	30.4	32.6	363.3	17

