

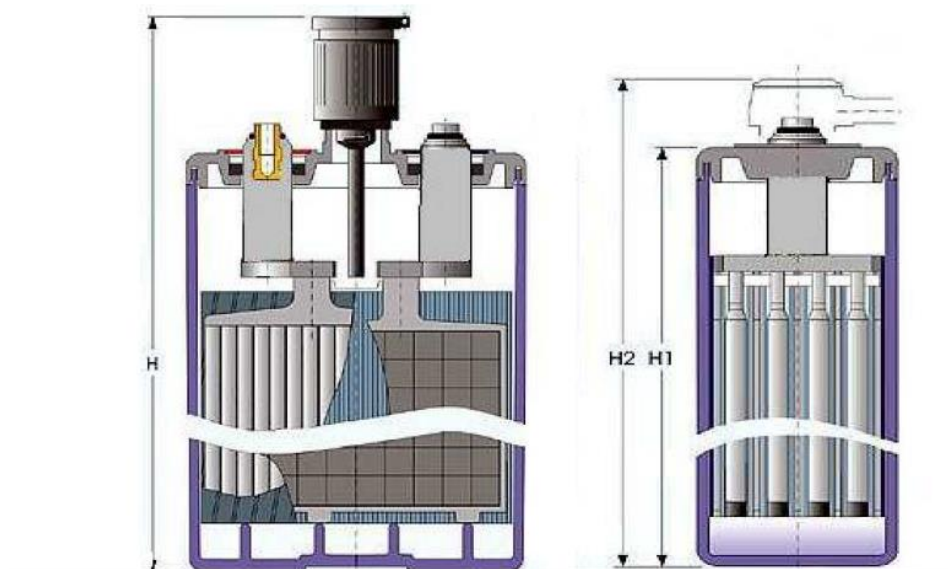
Batteries of OPzS range offer the following benefits:

- Long lifetime – up to 20 years @ 20°C
- Very good cycle life – 1500 cycles at 80 % DoD
- Low self-discharge - <3% per months @ 20°C
- Low water consumption – low maintenance costs
- Compliant to DIN 40736-1, IEC 60896-11, IEC 61427 & DIN 43539-5

OPzS Batteries are perfectly suited for all stationary standby energy storage applications and leading the market in Power and Utilities, Telecom, UPS and Oil and Gas applications

#### Construction

- Positive plate – Tubular plate, low antimony alloy
- Negative plate – Pasted negative grid plate
- Separator - microporose ribbed PE
- Container – transparent SAN
- Flame arresting vent plugs
- Dilute sulphuric acid 1.240 kg/l @ 20°C



### Technical Data

Nr.	Block Type/ Cell Type	Nominal Voltage	Capacity @ 20°C					I <sub>nom</sub>	Lengths	Width	Height	Weight	
			C <sub>10</sub> <sup>(2)</sup> U <sub>e</sub> = 1,80 V/Z	C <sub>5</sub> U <sub>e</sub> = 1,75V/Z	C <sub>3</sub> U <sub>e</sub> = 1,75V/Z	C <sub>1</sub> U <sub>e</sub> = 1,67V/Z	C <sub>nom</sub> <sup>(1)</sup> U <sub>e</sub> = 1,80V/Z					Without Electrolyte +/-5%	With Electrolyte +/-5%
			[V]	[Ah]								[A]	[mm]
1	6x2 OPzS 100	12	107	92	79	60	100	10	272	205	347	41	50
2	6x3 OPzS 150	12	161	138	118	90	150	15	380	205	347	54	70
3	3x3 OPzS 150	6	193	138	118	90	150	78	272	205	347	33	48
4	3x4 OPzS 200	6	215	183	157	119	200	20	272	205	347	36	49
5	3x5 OPzS 250	6	268	230	197	148	250	25	380	205	347	45	59
6	3x6 OPzS 300	6	322	275	236	178	300	30	380	205	347	53	67
7	2 OPzS 100	2	107	94	82	60	100	10	103	206	420	8,7	13,7
8	3 OPzS 150	2	161	138	118	90	150	15	103	206	369	11	16
9	4 OPzS 200	2	215	183	157	119	200	20	103	206	369	13	18
10	5 OPzS 250	2	268	230	197	148	250	25	124	206	369	16	22
11	6 OPzS 300	2	322	275	236	178	300	30	145	206	369	18	26
12	5 OPzS 350	2	388	333	286	218	350	35	124	206	485	20	29
13	6 OPzS 420	2	465	400	343	263	420	42	145	206	485	24	34
14	7 OPzS 490	2	542	466	400	307	490	49	166	206	485	28	39
15	6 OPzS 600	2	656	566	492	355	600	60	145	206	660	35	50
16	8 OPzS 800	2	875	756	659	473	800	80	210	191	660	46	65
17	10 OPzS 1000	2	1093	945	824	590	1000	100	210	233	660	57	80
18	12 OPzS 1200	2	1312	1134	988	709	1200	120	210	275	660	66	93
19	12 OPzS 1500	2	1670	1457	1235	787	1500	150	210	275	810	88	119
20	16 OPzS 2000	2	2227	1943	1647	1050	2000	200	212	397	792	106	152
21	20 OPzS 2500	2	2783	2431	2068	1313	2500	250	212	487	792	145	200
22	24 OPzS 3000	2	3340	2918	2474	1572	3000	300	212	576	792	170	240

(1) Nominal capacity C<sub>nom</sub> and I<sub>nom</sub> – Capacity C<sub>10</sub> and current I<sub>10</sub> as per DIN 40736

(2) Capacity C<sub>10</sub> after 10th cycle

