

## TAB OPzS cells for solar applications

Capacities in Ah	C10	C20	C24	C48	C72	C96	C100	C120	C240
Type	U <sub>f</sub> =1,8V at 20°C	U <sub>f</sub> =1,85V at 25°C							
12V 1 OPzS 50	50	57	59	66	71	73	73	74	76
12V 2 OPzS 100	100	114	118	132	141	145	146	147	151
12V 3 OPzS 150	150	171	177	198	212	218	218	221	227
6V 4 OPzS 200	200	228	236	264	282	290	291	294	302
6V 5 OPzS 250	250	285	295	330	353	363	364	368	378
6V 6 OPzS 300	300	342	354	396	423	435	437	441	453
2 OPzS 100	100	117	121	135	145	150	151	152	158
3 OPzS 150	150	176	182	203	218	225	226	228	237
4 OPzS 200	200	234	242	270	290	300	301	304	316
5 OPzS 250	250	293	303	338	363	375	376	380	395
6 OPzS 300	300	351	363	405	435	450	452	456	474
5 OPzS 350	350	410	424	473	508	525	527	532	553
6 OPzS 420	420	491	508	567	609	630	632	638	664
7 OPzS 490	490	573	593	662	711	735	737	745	774
6 OPzS 600	600	702	726	810	870	900	903	912	948
8 OPzS 800	800	936	968	1080	1160	1200	1204	1216	1264
10 OPzS 1000	1000	1170	1210	1350	1450	1500	1510	1520	1580
12 OPzS 1200	1200	1400	1450	1620	1740	1800	1810	1830	1900
12 OPzS 1500	1500	1760	1820	2030	2180	2250	2260	2280	2370
16 OPzS 2000	2000	2340	2420	2700	2900	3000	3010	3040	3160
20 OPzS 2500	2500	2930	3030	3380	3630	3750	3760	3800	3950
24 OPzS 3000	3000	3510	3630	4050	4350	4500	4520	4560	4740

The acid density in an electrically charged cell is  $1,24 \pm 0,1$  kg/l at 293K (= +20°C)

When cycling only 80% of the rated capacity shall be used. Deep discharge may reduce the operation life time.