

Cynetic[®]
OPZS



RESERVE POWER STATIONARY BATTERIES



CYNETIC BATTERY STATIONARY



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- Cynetic stationary batteries are specially designed batteries that are used in uninterruptible power systems as an energy source. In case of a power failure it starts to work and gives energy to system. Thus stoppages that are created by sudden power shortages are eliminated by these batteries. Inci Battery Stationary Batteries, having features of minimum maintenance and low energy cost, are maintained charged by float voltage. They are used in power stations, uninterruptible power supply systems, energy generation, telecom stations, electricity transmission centers, renewable energy generation (solar-wind), emergency lighting and signaling systems, alarm and security systems



FIELD OF APPLICATION

- Uninterruptible power supply systems
- Energy generation
- Power stations
- Telecom stations
- Electricity transmission centers
- Renewable energy generators (solar-wind)
- Emergency lighting and signaling systems
- Alarm and security systems



PRODUCT RANGE

CELL TYPE	VOLT	CAPACITY C10 (Ah)	DIMENSIONS (LENGTH X WIDTH X (*) HEIGHT mm)	WEIGHT (KG)
4 OPzS 200	2	200	208x105x416	17,2
5 OPzS 250	2	250	208x126x416	20,8
6 OPzS 300	2	300	208x147x416	24,3
5 OPzS 350	2	350	208x126x532	26,9
6 OPzS 420	2	420	208x147x532	31,5
7 OPzS 490	2	490	208x168x532	36,1
6 OPzS 600	2	600	208x147x729	44,8
8 OPzS 800	2	800	193x215x729	61,3
10 OPzS 1000	2	1000	235x215x729	74,6
12 OPzS 1200	2	1200	277x215x729	88
12 OPzS 1500	2	1500	277x215x877	114,3
16 OPzS 2000	2	2000	400x215x855	151,5
20 OPzS 2500	2	2500	490x215x855	193
24 OPzS 3000	2	3000	580x215x855	234,5

(*) Plug height is included.



DISCHARGE TABLE

TYPE	Discharge Current (A) - $V_f = 1.75$ V/Cell											
	5 min	10 min	15 min	30 min	1h	2h	3h	4h	5h	6h	8h	10h
4 opzs 200	208	188	184	142	103	65	50	41	35	32	26	21
5 opzs 250	259	234	230	178	129	82	63	52	44	40	33	26
6 opzs 300	311	281	277	213	155	98	75	62	53	48	39	31
5 opzs 350	313	293	286	244	180	122	91	74	64	56	45	39
6 opzs 420	373	349	344	295	217	147	109	89	77	67	54	46
7 opzs 490	437	413	401	343	253	171	127	104	90	78	63	54
6 opzs 600	495	471	461	382	296	196	152	124	105	91	73	61
8 opzs 800	656	625	610	505	395	262	202	165	140	121	98	82
10 opzs 1000	821	783	764	635	495	327	253	206	175	151	122	102
12 opzs 1200	935	891	865	759	590	400	307	252	218	187	149	123
12 opzs 1500	1065	1005	939	870	709	500	384	315	272	234	186	154
16 opzs 2000	1281	1202	1171	1060	945	667	512	420	363	312	248	205
20 opzs 2500	1603	1502	1463	1324	1182	833	640	525	453	390	310	257
24 opzs 3000	1822	1803	1756	1588	1418	1000	768	630	544	468	372	308

DISCHARGE TABLE

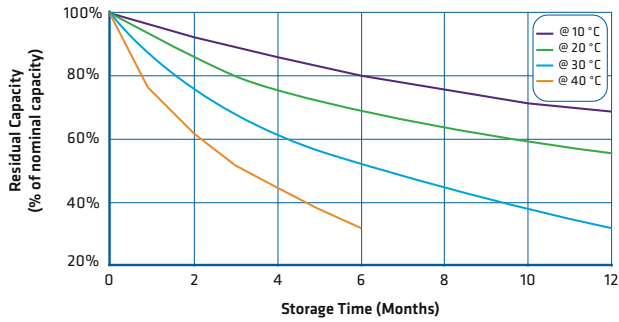
TYPE	Discharge Current (A) - $V_f = 1.80$ V/Cell											
	5 min	10 min	15 min	30 min	1h	2h	3h	4h	5h	6h	8h	10h
4 opzs 200	170	162	158	130	96	75	58	48	42	36	30	21
5 opzs 250	213	203	197	162	117	94	73	60	53	45	38	26
6 opzs 300	257	241	236	195	141	113	87	72	63	54	45	31
5 opzs 350	261	240	234	216	166	109	81	69	59	53	44	38
6 opzs 420	314	287	283	261	198	130	98	82	71	63	52	45
7 opzs 490	366	335	327	303	232	152	114	96	83	74	61	53
6 opzs 600	417	393	382	331	260	181	143	119	103	90	74	61
8 opzs 800	554	523	502	442	345	242	191	158	138	120	98	82
10 opzs 1000	693	654	633	553	432	302	239	198	172	150	123	102
12 opzs 1200	829	755	733	642	517	366	285	238	206	181	146	123
12 opzs 1500	866	825	801	701	594	458	356	297	258	226	182	154
16 opzs 2000	1107	996	965	880	792	611	475	396	344	301	243	205
20 opzs 2500	1384	1243	1206	1099	990	763	593	495	430	377	303	257
24 opzs 3000	1567	1492	1443	1399	1186	916	712	594	516	452	364	308

DISCHARGE TABLE

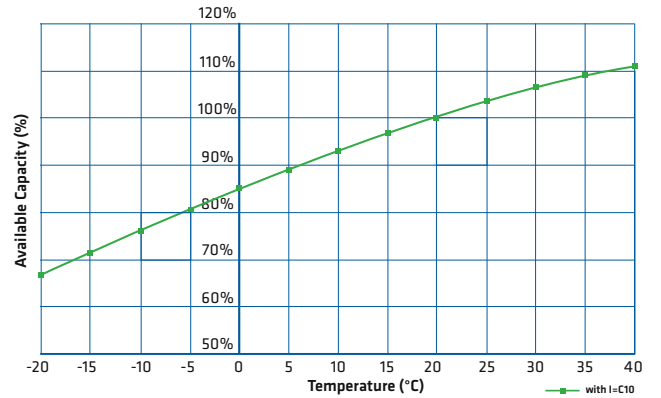
TYPE	Discharge Current (A) - $V_f = 1.85 \text{ V/Cell}$											
	5 min	10 min	15 min	30 min	1h	2h	3h	4h	5h	6h	8h	10h
4 opzs 200	141	129	127	109	83	57	45	38	33	29	23	20
5 opzs 250	176	161	158	136	103	72	56	48	41	36	28	25
6 opzs 300	211	193	190	163	124	86	67	57	49	43	34	30
5 opzs 350	211	191	189	181	144	101	79	66	57	51	42	36
6 opzs 420	254	229	227	218	172	121	95	79	69	61	51	44
7 opzs 490	296	267	265	254	201	141	111	92	80	71	59	51
6 opzs 600	347	314	277	265	219	163	131	110	94	83	68	58
8 opzs 800	462	418	369	353	292	218	174	146	126	111	91	78
10 opzs 1000	578	523	461	441	365	272	218	183	157	139	114	97
12 opzs 1200	535	474	443	450	407	318	253	216	187	162	136	116
12 opzs 1500	669	592	554	562	509	398	316	270	234	203	170	145
16 opzs 2000	892	789	739	749	679	531	421	360	312	271	227	193
20 opzs 2500	1115	987	923	937	848	663	527	450	390	338	283	242
24 opzs 3000	1338	1184	1108	1124	1018	796	632	540	468	406	340	290

TECHNICAL SPECIFICATIONS

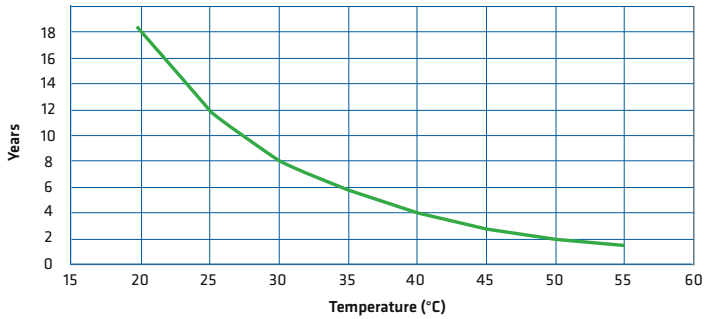
Self-discharge Characteristics



Available Capacity - Temperature (@ 20 °C)



Service Life - Temperature



D.O.D - Cycle-Life (@ 20 °C)

