



OPzS Battery Series
250~3500Ah





ZIBO TORCH

CSIC Zibo Torch Energy Co., Ltd. is a State Owned Company. Stationary lead acid battery had been produced in Zibo Storage Battery factory since 1950 and VRLA stationary since 1990, we have been emphasizing in development and manufacture of lead acid stationary battery. We supply 2V, 6V, 12V, and 48V series stationary battery for decades.

Our products includes OPzV and CNJ series of gel solution battery, OPzS series of acid-proof battery, AGM series (GFM and GFME VRLA batery, CTM VRLA batery for telecommunicaton and lighting on vessel) and Lead Carbon series.

Our stationary bateries have advantages of excellent design, high tech and stable quality performance. Our products were awarded state silver medals and province high quality medals for many times. Our company got the certificates of ISO 9001, ISO14001, CE, CCS, TLC, and many more.

CERTIFICATION

DIN40736 IEC60896-11 GB/T13337.1	ISO9001:2008	ISO14001:2004	GB/T28001-2001	EN61000-6-2:2005 EN61000-6-3:2007 EN60254-1:2005
Execution Standard	Quality Management System	Environmental Management System (EMS)	OHSMS	CE Certificate

FEATURES



Reliable



Excellent for cycling applications



Long Lifetime



Low Maintenance

- Positive tubular plates with a special lead-ally for reduction in water loss and filling intervals
- Negative plates are of pasted grid type
- Electrolyte: high purity sulphuric acid solution
- Separators are made of high quality micro-porous rubber separator combined with corrugated multi-hole plastic separator

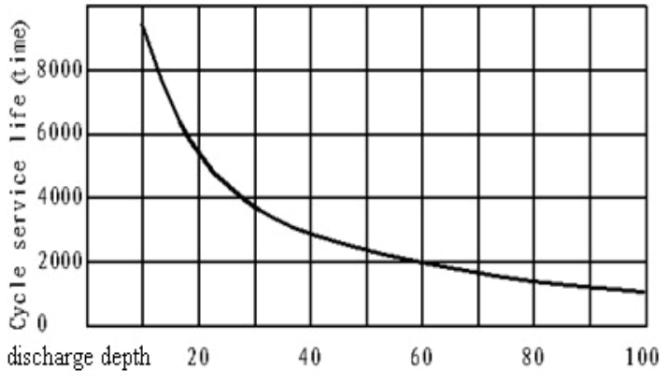
- Containers are constructed with transparent, impact and acid resistant SAN material
- Safety vents: cells incorporate flame retardant ceramic plugs that filter out any drops of electrolyte from the escaping gases preventing any errant spark or flame from entering the battery
- Terminals: female threaded terminal (M8) ensures perfect contact and a low resistance

BATTERY LIST

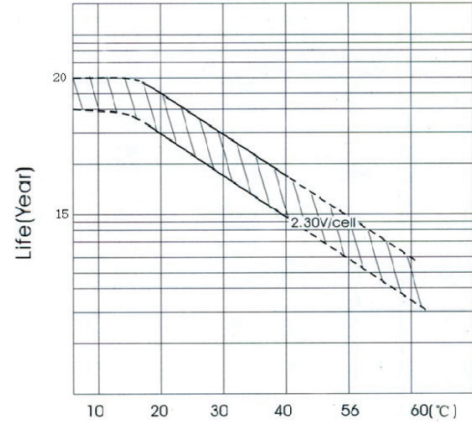
Battery Model	Nominal Voltage	Rated Capacity at 10h rate (Ah)	External Dimensions (mm)				Weight (kg)	
			Length	Width	Height	Total Height	Without Electrolyte	With Electrolyte
5 OPzS 250	2V	250	104	207	356	408	14.8	19.6
6 OPzS 300	2V	300	125	207	356	408	17.1	22.9
5 OPzS 350	2V	350	146	207	472	524	20.5	28.4
6 OPzS 420	2V	420	125	207	472	524	23.8	33.2
7 OPzS 490	2V	490	146	207	472	524	27.1	37.9
6 OPzS 600	2V	600	167	207	647	699	31.3	43.1
8 OPzS 800	2V	800	146	211	647	699	42.9	59.4
10 OPzS 1000	2V	1000	192	211	647	699	52.1	72.6
12 OPzS 1200	2V	1200	234	211	647	699	60.9	85.7
12 OPzS 1500	2V	1500	276	211	798	850	76.8	108.8
16 OPzS 2000	2V	2000	276	211	773	825	105.7	153.4
20 OPzS 2500	2V	2500	400	215	773	825	130.9	187.9
24 OPzS 3000	2V	3000	488	215	773	825	152.8	221.4
28 OPzS 3500	2V	3500	577	215	773	825	171.8	239.4

TECHNICAL SPECIFICATIONS

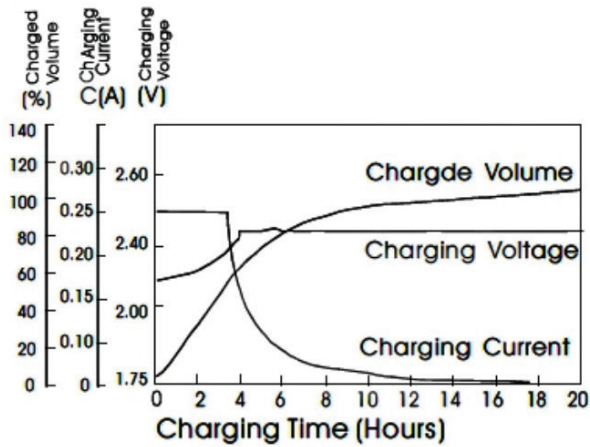
Cycle Life Curve



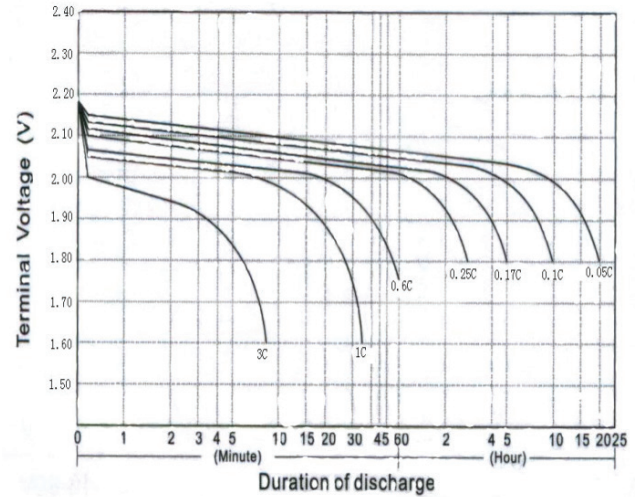
Effect of Temperature on Long Term Float Life



Charging Characteristic (25°C)



Discharge Characteristic Curve (25°C)



APPLICATION PARTNERS



CHINA NATIONAL NUCLEAR COOPERATION



and Many More...



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