



# OPzV Battery Series 200~3000Ah





## 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
<b>Execution Standard</b>	<b>Quality Management System</b>	<b>Environmental Management System (EMS)</b>	<b>OHSMS</b>	<b>CE Certificate</b>

## FEATURES



Reliable



Excellent for cycling applications



Long Lifetime



Free Maintenance



Water proof IP65

- Positive tubular plates with a special PbCaSn alloy

- Negative plates are of pasted grid type

- Electrolyte: Gel solution

- Separators are made of high quality micro-porous PVC-SiO<sub>2</sub> separator

- Containers are constructed with impact and acid resistant ABS material

- Safety vents: cells incorporate accurate valve to allow the extreme gas escaping under tough situations

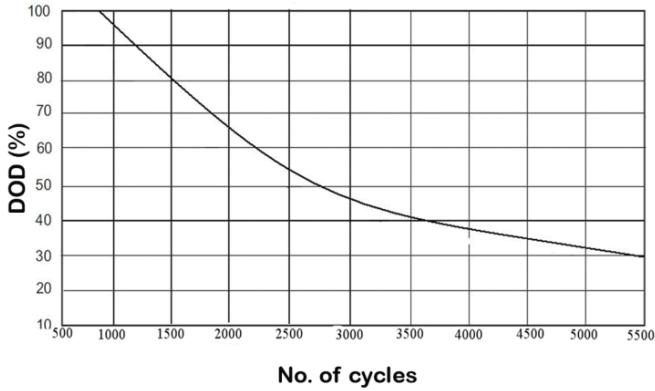
- Terminals: female threaded terminal (M8) ensures perfect contact and a low resistance

## BATTERY LIST

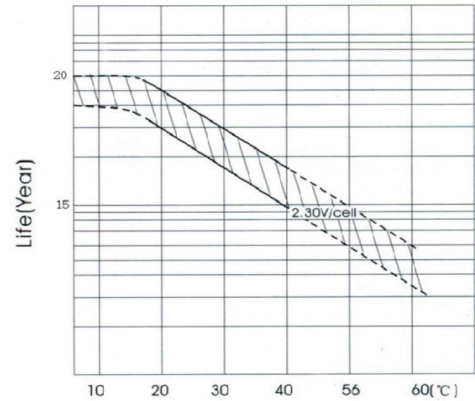
Battery Model	Nominal Voltage	Rated Capacity at 10h rate (Ah)	External Dimensions (mm)				Weight (kg)
			Length	Width	Height	Total Height	
4 OPzV 200	2 V	200	104	207	356	386	18.5
5 OPzV 250	2 V	250	125	207	356	386	23.1
6 OPzV 300	2 V	300	146	207	356	386	27.2
5 OPzV 350	2 V	350	125	207	472	504	29.0
6 OPzV 420	2 V	420	146	207	472	504	34.5
7 OPzV 490	2 V	490	167	207	472	504	40.0
6 OPzV 600	2 V	600	146	207	647	678	48.0
8 OPzV 800	2 V	800	192	211	647	678	64.5
10 OPzV 1000	2 V	1000	234	211	647	678	80.2
12 OPzV 1200	2 V	1200	276	211	647	678	94.0
12 OPzV 1500	2 V	1500	276	211	798	827	115.0
16 OPzV 2000	2 V	2000	400	215	773	804	156.0
20 OPzV 2500	2 V	2500	488	215	773	804	194.0
24 OPzV 3000	2 V	3000	577	215	773	804	230.0

# TECHNICAL SPECIFICATIONS

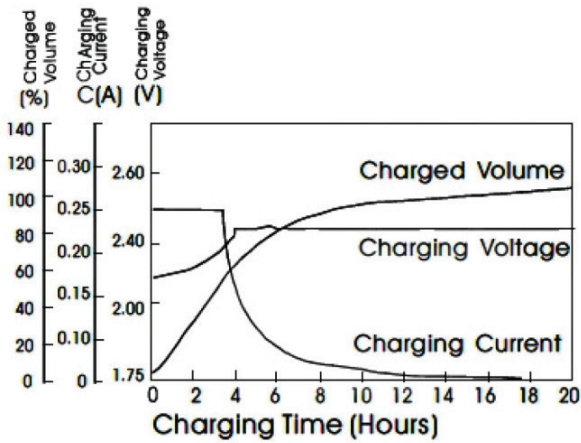
## Cycle Life Curve



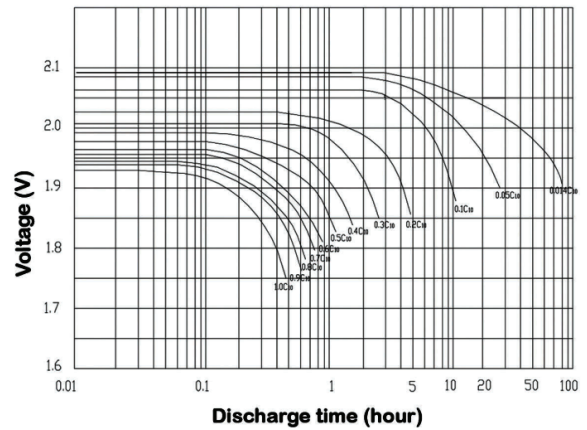
## Effect of Temperature on Long Term Float Life



## Charging Characteristic (25°C)



## Discharge Characteristic Curve(25°C)



# APPLICATION PARTNERS



CHINA NATIONAL NUCLEAR COOPERATION



and Many More...



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