



## CNJ-HTR Battery Series 12~260Ah





## 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

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



High Durability



High Temperature Resistance



Long Lifetime



Free Maintenance



Water proof IP65

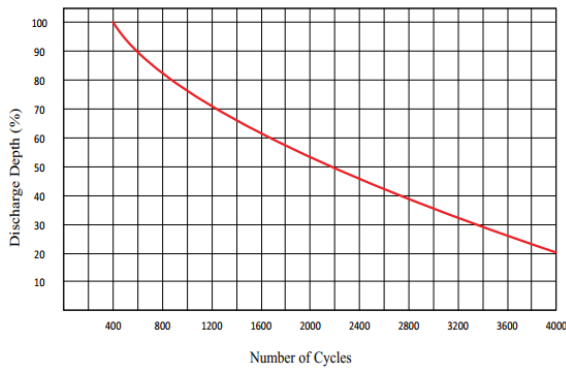
- High Durability against severe environment
- Higher Temperature Resistance than normal solar GEL battery
- Advance Plate and Grid design, enhance the corrosion resistance. Increasing the cycle life of the battery
- Using Modified GEL Electrolyte and Charge Acceptance to improve high temperature battery performance
- TESTED and PASS the test requirement for high temperature battery (at 45°C and 60°C)
- Super over charge and deep discharge capacity
- Valve Regulated sealed structure, the safe and explosion-proof vent system solved battery seal maintenance free
- The unique lead paste formula improve the high and low temperature performance
- Unique sealed insulated output devices, solve the short circuit and wet corrosion of battery, also solve the corrosion problem underwater short term use, greatly reduce the battery maintenance frequency

## BATTERY LIST

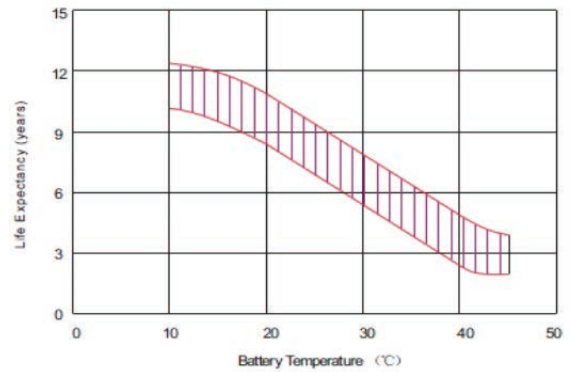
Battery Model	Nominal Voltage	Rated Capacity at 10h rate (Ah)	External Dimensions (mm)				Weight (kg)
			Length	Width	Height	Total Height	
CNJ-12-HTR	12 V	12	151	100	99	103	4.4
CNJ-22-HTR	12 V	22	181	76	168	168	6.85
CNJ-24-HTR	12 V	24	164	124	176	176	9
CNJ-38-HTR	12 V	38	195	165	175	175	12.5
CNJ-55-HTR	12 V	55	260	165	170	170	16.5
CNJ-65-HTR	12 V	65	351	165	180	180	22
CNJ-80-HTR	12 V	80	331	172	215	218	24.5
CNJ-90-HTR	12 V	90	331	172	215	218	27
CNJ-100-HTR	12 V	100	331	172	215	218	29.5
CNJ-120-HTR	12 V	120	407	172	233	259	35.5
CNJ-135-HTR	12 V	135	341	173	281	283	41.5
CNJ-150-HTR	12 V	150	483	170	240	240	42.5
CNJ-200-HTR	12 V	200	522	240	214	244	62
3-CNJ-200-HTR	6 V	200	260	180	270	271	30.5
3-CNJ-260-HTR	6 V	260	341	180	270	273	42

# TECHNICAL SPECIFICATIONS

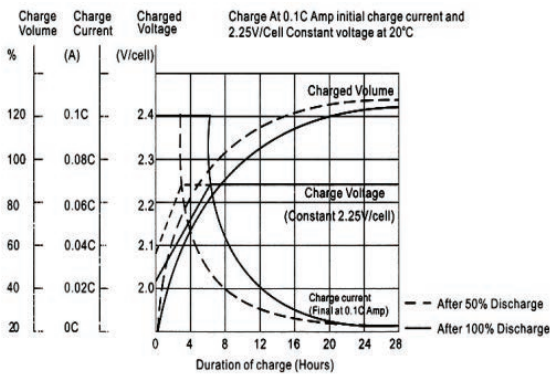
## Cycle Life Curve



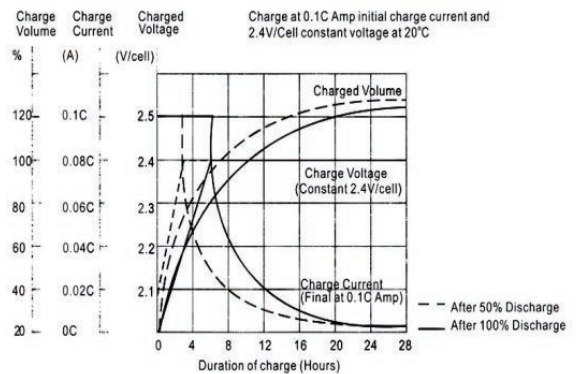
## Effect of Temperature on Long Term Float Life



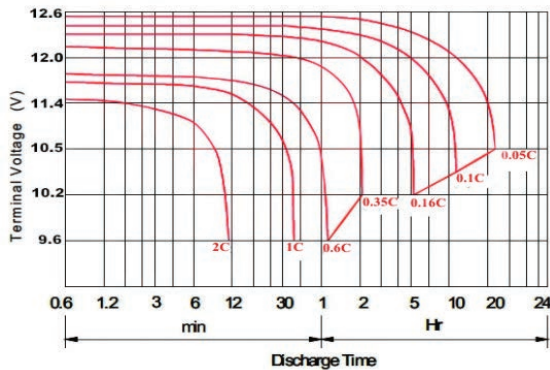
## Floating Charge Characteristic



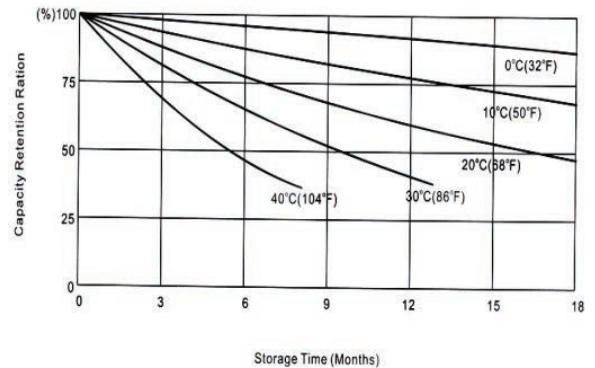
## Cyclic Charge Characteristic



## Discharge Characteristic



## Self Discharge Characteristic



# APPLICATION PARTNERS



CHINA NATIONAL NUCLEAR COOPERATION



and Many More...



**PT DEO ENERGI**

Bandung - Indonesia

Tlp : (022) 601 5609 Email : general@deoenergi.com