

CZW型 岸电稳压装置 Shore voltage stabilizing device

► 概述 Overview

CZW型岸电稳压装置主要用于对岸电输送及稳压，改善岸电品质，以确保舰船的供电指标，保证电力系统的连续性和可靠性。

The CZW shore voltage stabilizing device is used for electric transmission and voltage stabilization, to improve the quality of power supply, and thus to ensure the ship's power supply indicators and the continuity and reliability of power system.

► 产品特点 Product features

■ 输入电压范围宽

Wide range of input voltage

■ 智能化控制输出稳压精度高，可实现岸电与船电短时并联转换

High precision of intelligent control output voltage stabilizing

■ 输出稳压应变速率快

High strain rate of output voltage stabilizing

■ 过载能力强，波形无畸变

Strong overload capability, and waveform without distortion

■ 触控显示屏提供实时数据显示、历史数据记录查询

Touch display screen provides real-time data display and historical data record query

► 产品组成 Product composition

岸电稳压装置主要由直接供电开关、稳压供电开关、补偿变压器、调压器、稳压控制器（含专用智能温度信号采集模块和专用智能电量采集模块）、触控显示屏（选配）、恒压控制电源、辅助控制电路、必要的测量仪表及指示灯等组成。

The shore voltage stabilizing device is mainly composed of direct power supply circuit, Regulated power supply circuit, compensation transformer, voltage regulator, voltage stabilizing controller (including a specialized intelligent temperature signal acquisition module and a specialized intelligent power acquisition module), touch display screen (optional), constant voltage control power supply, auxiliary control circuit and necessary measuring instruments and indicator lights

▶ 技术指标

Technical index

■ 输入电压: AC314V~456V,50Hz/60Hz

Input voltage: AC314V~456V,50Hz/60Hz

■ 输出电压: AC390V ± 3%

Output voltage: AC390V ± 3%

■ 输出额定电流: 最大可达1600A

Rated output current: up to 1600A

■ 波形畸变: ≤0.1%

Waveform distortion: ≤0.1%

■ 承受尖峰过电压: ≤2500V

Sustainable peak over voltage: ≤2500V

■ 损耗: < 额定容量的1.5%

Loss: < 1.5% of the rated capacity

■ 应变速率: > 20V/s

Strain rate: >20V/s

■ 安装方式: 座壁式

Installation mode: wall mounted

■ 防护等级: 顶部防滴

Ingress protection: top drip-proof

■ 工作方式: 连续制

Process mode: continuous

■ 外形及安装尺寸(见下表):

Outline and installation dimensions is shown in the table below:

序号 No.	额定输出电流 Rated output current	外形尺寸 (mm) Outline dimensions (mm)			备注 Remark
		宽(A) width	高(B) height	深(C) depth	
1	50A	550	1500	500	Fig.1
2	100A	650	1700	600	Fig.1
3	200A	650	1800	700	Fig.1
4	250A	700	1900	750	Fig.1
5	400A	1400	1850	800	Fig.2
6	600A	1600	2000	950	Fig.2
7	800A	1800	2000	1000	Fig.2
8	1200A	2000	2000	1000	Fig.2
9	1600A	4000	2200	1200	Fig.2

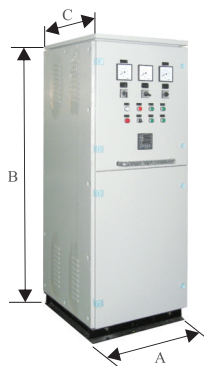


Fig.1



Fig.2

型号命名

Model naming

岸电稳压装置 Shore voltage stabilizing device	CZW	<input type="checkbox"/>	- <input type="checkbox"/>	/ <input type="checkbox"/>
无:有刷型 C:无刷型 "blank": with brush C: brushless				
额定输出电流 Rated output current				
相数: 3 Number of phases: 3				

注: 250A以下建议采用无碳刷型。

Notes: no carbon brush is recommended under 250A.

选型说明

Selection description

例1: CZW-600/3

表示岸电稳压装置额定输出电流为600A,三相,有刷型。

Ex.1: CZW-600/3

Indicates the rated output current of shore voltage stabilizing device is 600A, three phases ,with brush.