

LIFEBOAT AND RESCUE BOAT ACCESSORIES

CWHD-60/24III4-J0 Marine regulated power supply

Description: CWHD-60/24III4-J0 Marine regulated power supply, the marine stabilized voltage power supply is a switching power supply multifunctional stabilized power supply composed of IGBT, field effect power tube...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category Lifeboat And Rescue Boat Accessories

Standard DIN

Weight / Size The ship's regulated power supply is small in size and easy to install, ...

Certificate CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

|             |                                      |               |                                                                                                                                   |
|-------------|--------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Category    | Lifeboat And Rescue Boat Accessories | Model / SKU   | CWHD-60-24-4-J0-Marine-regulated-power-supply                                                                                     |
| Standard    | DIN                                  | Weight / Size | The ship's regulated power supply is small in size and easy to install, and can be optionally equipped with additional functions. |
| Certificate | CCS                                  | Warranty      | 12 Months unless specified otherwise                                                                                              |
| Origin      | China                                |               |                                                                                                                                   |

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## Description:

CWHD-60/24III4-J0 Marine regulated power supply, the marine stabilized voltage power supply is a switching power supply multifunctional stabilized power supply composed of IGBT, field effect power tube and pulse width or frequency modulation integrated controller using high frequency PWM or PFM modulation technology.

1. The ship's regulated power supply is small in size and easy to install, and can be optionally equipped with additional functions.
- 2.The ship's stabilized power supply uses intelligent cooling to ensure reliable power supply even in high-temperature cabins.
3. The output of the stabilized voltage power supply for ships is stable, and the output voltage and output current can be set according to requirements; the output voltage and current range can also be adjusted through a potentiometer.

## Technical data:



| Specifications ( Output current ) |                                            |                  | 20~60A                                                                                                                                                                  |
|-----------------------------------|--------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Input                             | Rated voltage                              |                  | Single-Phase 220VAC、 Three-Phase380VAC、 Three-Phase440VAC                                                                                                               |
|                                   | Input range                                |                  | Rated voltage±15%                                                                                                                                                       |
|                                   | Input frequency                            |                  | 45~65HZ                                                                                                                                                                 |
|                                   | Efficiency                                 |                  | ≥87%                                                                                                                                                                    |
|                                   | Maximum current                            | Single-Phase 220 | < 8A                                                                                                                                                                    |
|                                   |                                            | Three-Phase 380  | < 4A                                                                                                                                                                    |
|                                   |                                            | Three-Phase 440  | < 3A                                                                                                                                                                    |
| Output                            | voltage                                    |                  | 28.2VDC±0.1V(Can be adjusted according to customer requirements and battery specifications )                                                                            |
|                                   | Average floating charge conversion current |                  | ±1%                                                                                                                                                                     |
|                                   | Output ripple and noise                    |                  | VPP≤300mV                                                                                                                                                               |
| Features                          | Alarm and protection functions             |                  | Input under voltage protection, output under voltage warning, output short circuit protection, output over current protection, power supply over temperature protection |
|                                   | Standard functions                         |                  | Public warning, fault passive dry contact port (contact limit specification: 32V / 1A)                                                                                  |
|                                   | Indication and adjustment                  |                  | Input instructions, work instructions, fault instructions, current regulation                                                                                           |

|                     |                       |                                                                                                   |
|---------------------|-----------------------|---------------------------------------------------------------------------------------------------|
| Working environment | Operating temperature | -15℃~+55℃                                                                                         |
|                     | Storage temperature   | -25℃~+85℃                                                                                         |
|                     | Relative humidity     | 0~95% ( Non-condensing )                                                                          |
|                     | Atmospheric pressure  | 70kPa~106kPa                                                                                      |
|                     | Cooling method        | Air-cooled                                                                                        |
| Standard range      | Safety                | IEC61000-4-2、 IEC61000-4-3、 IEC61000-4-4、 IEC61000-4-5、 IEC61000-4-6、 IEC60092-101、 IEC60068-2-11 |
|                     | Conduction, radiation | CISPR16、 EN55022                                                                                  |
|                     | Certification         | CCS Type Approval                                                                                 |
| Others              | Size(WxDxH)mm         | 260x410x128                                                                                       |
|                     | Weight                | 6kg                                                                                               |
|                     | Installation method   | Bottom plate installation                                                                         |