LIFEBOAT AND RESCUE BOAT ACCESSORIES

HDW20-24S20 Marine Single Phase Battery Charger Power Supply

ISO9001 Supplier

Class Certificate

Export Supply

Description: HDW20-24S20 Marine Single Phase Battery Charger Power Supply series of products meet the use specifications and requirements of electrical equipment related to international and domestic navigation s...



Key Highlights

Category	Lifeboat And Rescue Boat Accessories
Standard	DIN
Weight / Size	High power density design, more reliable performance, the installation a...
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**	HDW20-24S20-Marine-Single-Phase-Battery-Charger-Power-Supply
Standard	DIN	**Weight / Size**	High power density design, more reliable performance, the installation area is 25% of the original cwhd series, and the weight is 50% of the original cwhd series.
Certificate	CCS	**Warranty**	12 Months unless specified otherwise
Origin	China		

CONTENTS

- Description:
- Technical data:

Description:

HDW20-24S20 Marine Single Phase Battery Charger Power Supply series of products meet the use specifications and requirements of electrical equipment related to international and domestic navigation ships.

1. With the combination of software and hardware, the voltage and current control is more accurate.

2. The protection function is comprehensive, including input under voltage, over-voltage protection, output over-voltage protection, output short circuit protection, over temperature protection, etc.

3. In order to meet the special needs of customers, special functional modules can be selected, such as remote switch, 485 communication (non-standard Modbus rtu485 communication).

4. It can be used with the parallel monitoring module of our company to realize the standard Modbus rtu485 communication, status monitoring and some parameter adjustment.

5. Multiple parallel machines can be used, and automatic current sharing can be realized when multiple parallel machines are used.

6. High power density design, more reliable performance, the installation area is 25% of the original cwhd series, and the weight is 50% of the original cwhd series.

Technical data:

Specifications（Output current）			20A
Input	Rated voltage		Single-phase 220
	Input range		Rated voltage±20%
	Input frequency		45~65HZ
	Efficiency		≥90%
	Maximum current	Single-phase 220	＜4.0A
Output	Floating voltage		12VDC±0.1V(Can be adjusted according to customer requirements and battery specifications)
	Average voltage		24VDC±0.1V(Can be adjusted according to customer requirements and battery specifications)
	Average floating charge conversion current		Rated output current 10%±1A
	Regulation accuracy		±1%
	Output ripple and noise		VPP≦300mV
Function	Alarm and protection functions		Input undervoltage protection, input overvoltage protection, output undervoltage warning, output overvoltage protection, output short circuit protection, output overcurrent protection, power over temperature protection
	Standard functions		Public warning, fault passive dry contact port (contact limit specification: 32V / 1A)
	Optional functions		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	65x147x180
	Weight	1.4kg
	Installation method	Bottom plate installation