LIFEBOAT AND RESCUE BOAT ACCESSORIES

SCS-2420-222 Marine Rectifier

ISO9001 Supplier

Class Certificate

Export Supply

SCS-2420-222 Marine Rectifier: Panel diagram： Description of working indication (green): The working indicator light is on when the power supply is working normally. Description of fault indication (red...



Key Highlights

Category	Lifeboat And Rescue Boat Accessories
Standard	DIN
Weight / Size	500Vac/10mA/1 min Insulation resistance ≥10MΩ Other Overall dimnensions ...
Certificate	CCS,RINA.BV

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

Technical Specifications

Category	Lifeboat And Rescue Boat Accessories	**Model / SKU**	SCS-2420-222-Marine-Rectifier
Standard	DIN	**Weight / Size**	500Vac/10mA/1 min Insulation resistance ≥10MΩ Other Overall dimnensions 310*190*90mm 410*260*110mm 530*280*230mm Installation dimensions 295*160mm 385*234mm 510*200mm Weight 5Kg 8Kg 25Kg
Certificate	CCS,RINA.BV	**Warranty**	12 Months unless specified otherwise
Origin	China		

SCS-2420-222 Marine Rectifier:

Panel diagram：

Description of working indication (green): The working indicator light is on when the power supply is working normally.

Description of fault indication (red): The fault indicator light is on when the power supply has a fault or starts. After the removal of output

fault or the completion of startup, the fault light is off and the working indicator light is on.

Directions：

Users must clearly see the model of the power supply and know the input voltage grade of the power supply before use.

Users should connect input and output in strict accordance with wiring instructions.

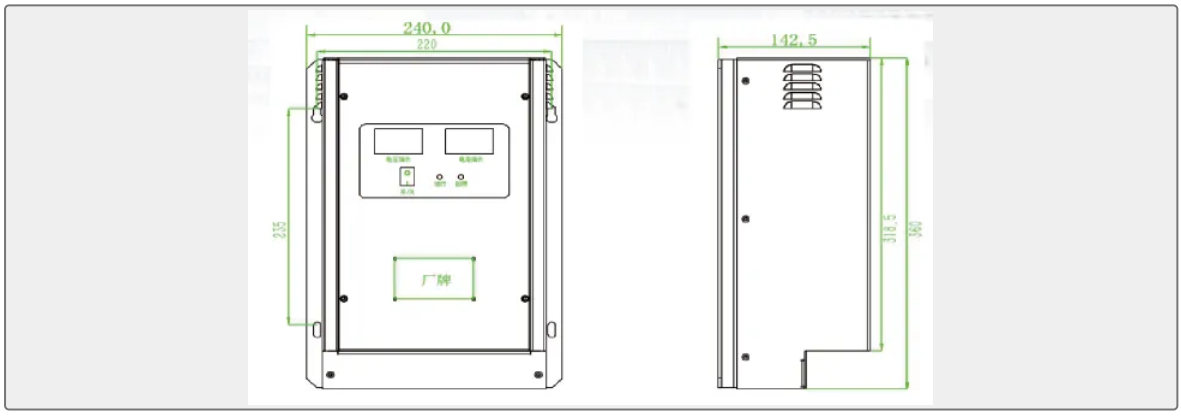
Users should pay attention to the positive and negative polarities of the load and then switch on the power after connecting wires according to the wiring diagram and checking Please do not open the case after switching on the power. There is high pressure inside the case. Be careful.

The power supply is equipped with output over voltage, overload, short circuit protection, overheat protection and output under voltage alarm.Alarm signal is outputted when the power supply is protected.

The power supply automatically restores to work normally after the removal of output fault.

The power supply adopts the method of air cooling. The fan is controlled by current in order to extend its service life. The greater the output

current 15, tne Taster the rotational speed of the fan will be.



Model SCS-	SCS-2420-	SCS-2430-	SCS-2440-	SCS-2460-	SCS-2480-	SCS-24100-	SCS-24200-

Input	Input rated voltage （±15%）	（220）single-phase 220Vac （230 three-phase 220Vac （330）three-phase 330Vac （430）three-phase 440Vac													
	Input frequency range	45~65Hz													
	Maximum input current	220	6A	220	8.5A	220	9A	220	20A	220	23A	220	25A	220	38A
		230		230		230		230		230		230		230	
		330	<3A	330	<4.2A	330	<5A	330	<9A	330	<11A	330	<13A	330	<26A
		430		430		430		430		430		430		430	
	Efficiency	85%													
Out put	Output rated voltage	28.2Vdc													
	Output voltage adjusment range	20~30Vdc													
	Output current adjusment range	2~20A		3~30A		4~40A		6~60A		8~80A		10~100A		20~200A	
	Maximun output current	20±1A		30±1A		40±1A		60±1A		80±1A		100±1A		200±1A	
	Stabilized voltage precision	±1%													
	Output ripple and noise	VPP≤500mv													
Ptotection	Output overvoltage protection	30±1Vdc													
	Output undervoltage alarm	21±1Vdc													
	Overheat protection	85±5℃（Temperature inside the machine)													
	Output short circuit protection	The device is free from damage after short circuit and antomatically recovers after the removal of short circuit													
Function	Output Alarm port	The relay completes contact action when input poer supply is normal and the device works The relay resets in the case of device fault(maximum contact voltage and current 32V 1A)													
Enviroment	Operating temperature	0℃~+55℃													
	Storage temperature	-10℃~+70℃													
	Relative temperature	≤95% of salt mist, oil mist and mold													
	Heat emission method	Air Cooling													
	Atmospheric pressure	86kPa~106kPa													

Safety Regulation	Dielectric strength	Input single-phase and three-phase 220Vac		Input three-phase and three-phase 220Vac
		Input to output: 1500Vac/10mA/1 min		Input to output: 2500Vac/10mA/1 min
		Input to the ground: 1500Vac/10mA/1 min		Input to the ground: 1500Vac/10mA/1 min
		Output to the ground: 500Vac/10mA/1 min		Output to the ground: 500Vac/10mA/1 min
	Insulation resistance	≥10MΩ		
Other	Overall dimnensions	310*190*90mm	410*260*110mm	530*280*230mm
	Installation dimensions	295*160mm	385*234mm	510*200mm
	Weight	5Kg	8Kg	25Kg