LIFEBOAT AND RESCUE BOAT ACCESSORIES

SCT-2430-330 Marine Charger

ISO9001 Supplier

Class Certificate

Export Supply

SCT-2430-330 Marine Charger SC series marine power supplies are switch-mode charging power supplies applying high-frequency PWM pulse-duration modulation technology and mainly composed of IGBT, fieldeffect power tu...



Key Highlights

Category	Lifeboat And Rescue Boat Accessories
Standard	GB
Weight / Size	500Vac/10mA/1 min Insulation resistance ≥10MΩ Other Overall dimnensions ...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, 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**	SCT-2430-330-Marine-Charger
Standard	GB	**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	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	**Warranty**	12 Months unless specified otherwise
Origin	China		

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SCT-2430-330 Marine Charger

SC series marine power supplies are switch-mode charging power supplies applying high-frequency PWM pulse-duration modulation technology and mainly composed of IGBT, fieldeffect power tube and integrated PWM controller. The complete machine adoptsintelligent cooling.The reliable operation of power supplies can be ensured even in the hottest cabin. Power supplies meet all specifications and rules of China Classification Society, comply with the basic standards of marineelectric andspecifications, pass Type Approval of China Classification Society.and accord with the relevant regulations of GB7061 -98 General Specification for Low-Voltage Switchgear and Controlgear Assemblies in Ships GB/T14548-93 General Specification for Marine Semiconductor Convertors and Rules for Classification of Sea-going Seel Ships.

Techincal data:

Model SCT-		2420-	2430-	2440-	2460-	2480-	24100-	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 230 330 <3A 430	220 8.5A 230 330 <4.2A 430	220 9A 230 330 <5A 430	220 20A 230 330 <9A 430	220 23A 230 330 <11A 430	220 25A 230 330 <13A 430	220 38A 230 330 <26A 430
	Efficiency	85%						
Out put	Output float charge voltage	26.4Vdc						
	Output average charge voltage	28.2Vdc						
	Average and float charge conversion current	1/10 of output current±1A						
	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)		
Environment	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