LIFEBOAT AND RESCUE BOAT ACCESSORIES

SCT-2430-430 Marine Charging Power Supply

ISO9001 Supplier

Class Certificate

Export Supply

Rules for product models of chargers and rectifiers: SCT-2430-430 Marine Charging Power Supply is switch-mode charging power supplies applying high-frequency PWM pulse-duration modulation technology and mai...



Key Highlights

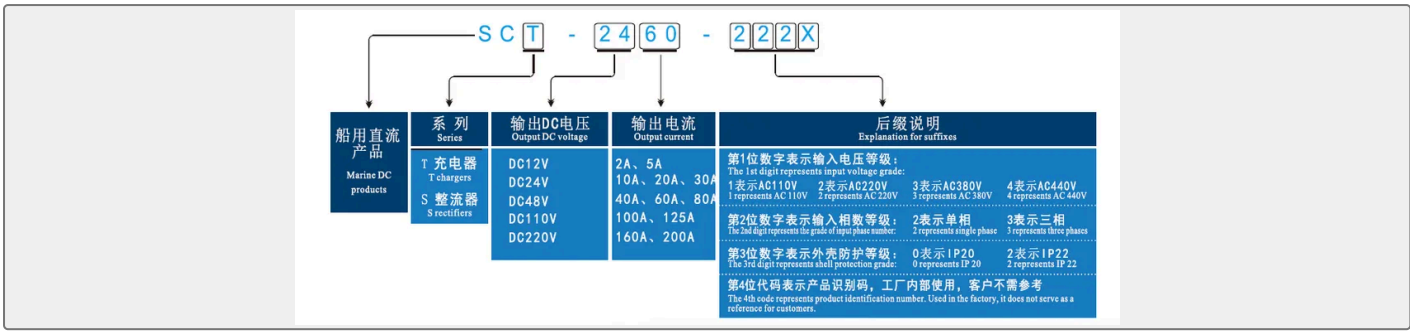
Category	Lifeboat And Rescue Boat Accessories
Standard	GB
Weight / Size	500Vac/10mA/1 min Insulation resistance ≥10MΩ Other Overall dimnensions ...
Certificate	CCS, RINA, BV

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

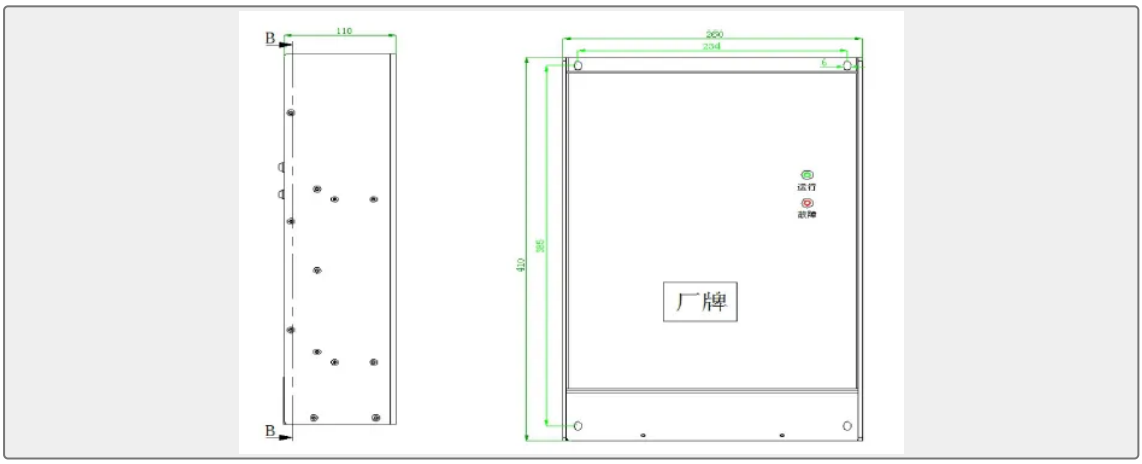
Technical Specifications

Category	Lifeboat And Rescue Boat Accessories	**Model / SKU**	SCT-2430-430-Marine-Charging-Power-Supply
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	CCS, RINA, BV	**Warranty**	12 Months unless specified otherwise
Origin	China		

Rules for product models of chargers and rectifiers:



SCT-2430-430 Marine Charging Power Supply is 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



Model SCS-		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	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		