LIFEBOAT AND RESCUE BOAT ACCESSORIES

SCT-24200-230 Marine Charging Power Supply

ISO9001 Supplier

Class Certificate

Export Supply

SCT-24200-230 Marine Charging Power Supply SC series marine power supplies are switch-mode charging power supplies applying high-frequency PWM pulse-duration modulation technology and mainly composed...



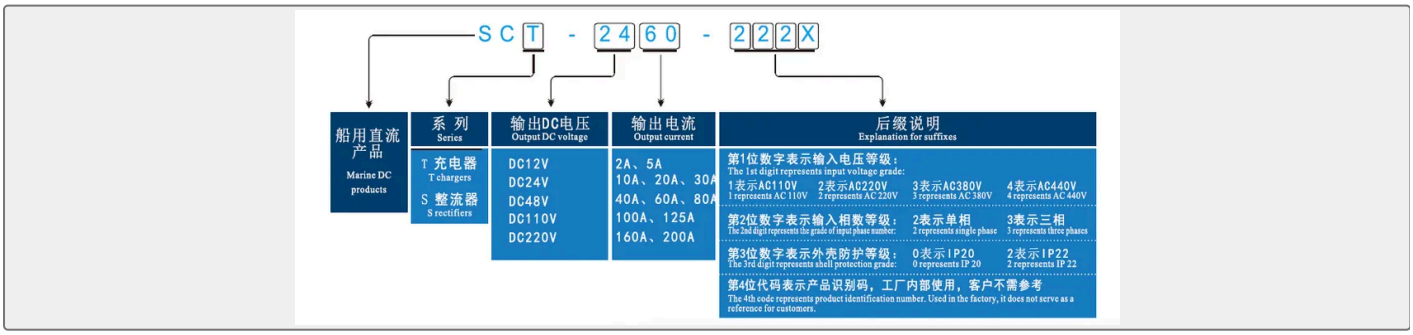
Key Highlights

Category	Lifeboat And Rescue Boat Accessories
Standard	GB
Material	Power supplies meet all specifications and rules of China Classification...
Weight / Size	500Vac/10mA/1 min Insulation resistance ≥10MΩ Other Overall dimnensions ...
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**	SCT-24200-230-Marine-Charging-Power-Supply
Standard	GB	**Material**	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 Steel Ships.
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
Warranty	12 Months unless specified otherwise	**Origin**	China

SCT-24200-230 Marine Charging Power Supply



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 Steel Ships.

Model SCT-		2420-	2430-	2440-	2460-	2480-	24100-	24200-
Input	Input rated	(220) single-phase 220Vac						
	voltage	(230 three-phase 220Vac						
	(±15%)	(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)						

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	Dielectric strength	Input single-phase and three-phase 220Vac	Input three-phase and three-phase 220Vac	
Regulation		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

