

# Jinbo Marine

Marine &amp; Offshore Equipment Datasheet

PRODUCT DATASHEET

## 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 $\geq 10M\Omega$ Other Overall dimensions ...
Certificate	CCS, RINA, BV

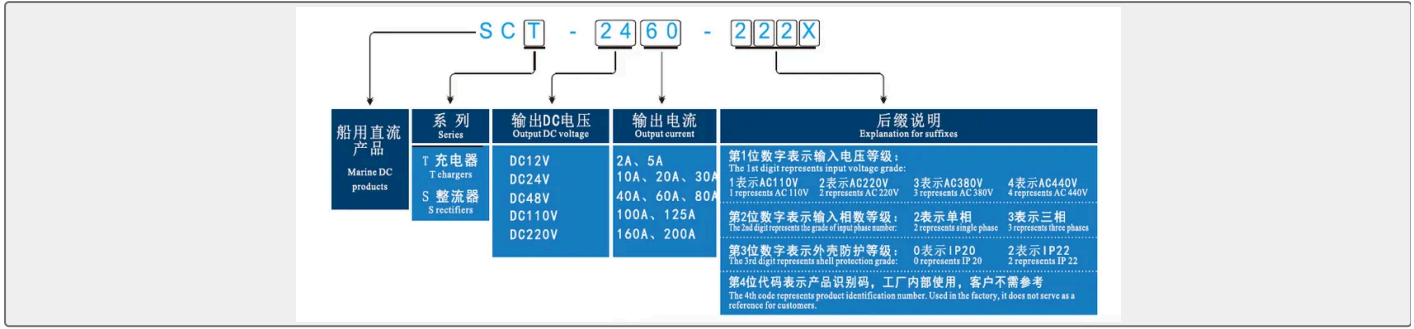
We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

### Technical Specifications

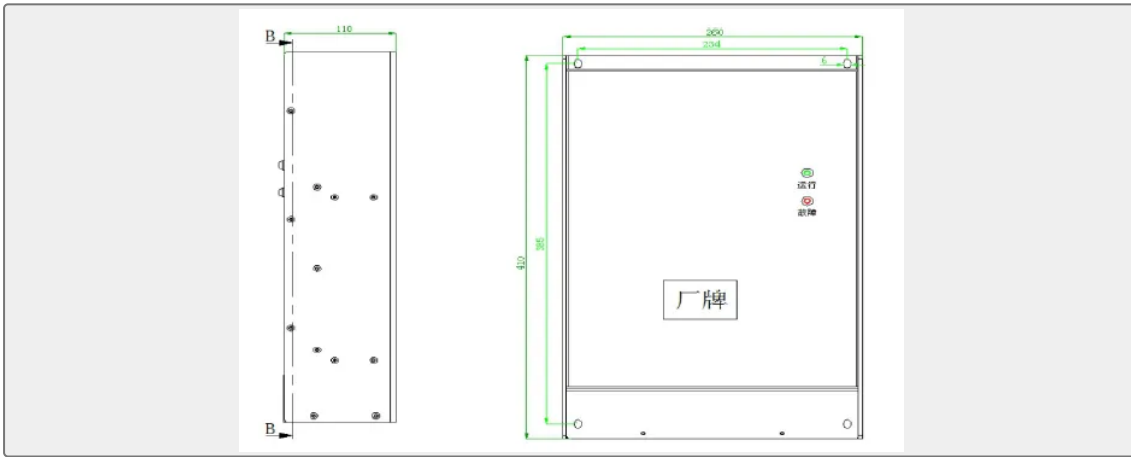
Category	Lifeboat And Rescue Boat Accessories	Model / SKU	SCT-2430-430-Marine-Charging-Power-Supply
Standard	GB	Weight / Size	500Vac/10mA/1 min Insulation resistance $\geq 10M\Omega$ Other Overall dimensions 310*190*90mm 410*260*110mm 530*280*230mm Installation dimensions 295*160mm 385*234mm 510*200mm 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	22 0	6A	22 0	8.5A	22 0	9A	22 0	20A	22 0	23A	22 0	25A	22 0	38A
		23 0		23 0		23 0		23 0		23 0		23 0		23 0	
Efficiency	33 0	< 3A	33 0	< 4.2A	33 0	< 5A	33 0	< 9A	33 0	< 11A	33 0	< 13A	33 0	< 26A	
	43 0		43 0		43 0		43 0		43 0		43 0		43 0		



Out put	Output rated voltage	28.2Vdc						
	Output voltage adjustment range	20~30Vdc						
	Output current adjustment 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						
Ptectio n	Output overvoltage protection	30±1Vdc						
	Output undervoltage alarm	21±1Vdc						
	Overheat protection	85±5°C ( 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)						
Envirom ent	Operating temperature	0°C~+55°C						
	Storage temperature	-10°C~+70°C						
	Relative temperature	≤95% of salt mist, oil mist and mold						
	Heat emission method	Air Cooling						
	Atmospheric pressure	86kPa~106kPa						
Safety Regulati on	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		