

Power Supply Unit for marine application with Auto Battery Switch-over for Emergency Back-up.

CSG-2400 series are professional marine grade PSU designed to provide back-up power supply to support the transceiver/equipment onboard ocean sailing vessels. The PSU will switch over to draw DC power from the ship's battery in the event of AC Main power failure and reverts to AC power by disconnecting itself from the battery power source once AC Main power returns. The PSU is built to withstand the rough condition of the high seas with its metal encasement being coated with an epoxy layer to prevent corrosion and the electronic components therein sprayed with a layer of protective Acryform.

Model	CSG-2410	CSG-2420	CSG-2425
AC Input Voltage	180-265 VAC	180-265 VAC	180-265 VAC
Input Frequency	45-60Hz	45-60Hz	45-60Hz
DC Output Voltage	24 VDC	24 VDC	24 VDC
Output Current Load (continuous)	10 Amp	20 Amp	25 Amp
Maximum Output Power	250 watt	500 watt	600 watt
Line Regulation	<+/-2%	<+/-2%	<+/-2%
Load Regulation	<+/-2%	<+/-2%	<+/-2%
Ripple & Noise	<+/-1% peak-peak	<+/-1% peak-peak	<+/-1% peak-peak
Filter	EMI/RFI		
Operating Temperature	55°C at full load; 70°C at 60% load.		
Cooling Mode	Forced air cooling with inside fan		
Efficiency	70%		
Hold Time	>20mSec on full load		
Visual Indication LED:			
Green Colour LED		Output is normal and OK	
Red Colour LED	Battery supplies power to the Radio Transceiver/Equipments		
Protection:			
Output Over Protection	Over Voltage Protection		
Short Circuit Protection	Provided		
Dimension & Weight:			
Approx. Dimension (WxDxH)	195x173x115mm	242x235x115mm	242x235x115mm
Approx. Weight	1.9 KG	3.2 KG	3.2 KG

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