



# Professional Grade & Industrial Power Supplies

**Power Supply Unit with Battery Charging feature & Auto Battery Switch-over for Emergency Back-up.**

**CSG-1200 series** of PSU are manufactured for heavy duty usage and designed to provide back-up battery power to operate any radio transceiver and/or electrical equipments without interruption in the event of AC Main power failure. The PSU charges the battery connected to it and upon any AC Main power breakdown, the PSU automatically switches over to the connected battery to draw from it the power required to ensure the continual and smooth operation of the radio transceiver and/or electrical equipments. Upon resumption/restoration of the AC mains power source, the PSU will disconnect itself from the battery and reverts to supply power to the equipment(s) from the AC Main.

Model	CSG-1210	CSG-1215	CSG-1230
AC Input Voltage	170-270 VAC	170-270 VAC	170-270 VAC
DC Output Voltage	13.5VDC	13.5VDC	13.5VDC
Output Current Load (continuous)	10 Amp	15 Amp	30 Amp
DC O/P current to battery	5 Amp	7 Amp	10 Amp
Output Ripple (P-P) max.	<1%	<1%	<1%
Output Voltage Regulation	<+/-2%	<+/-2%	<+/-2%
Operating Temperature	0-50°C	0-50°C	0-50°C
<b>Visual Indication LED:</b>			
MAIN ON	When AC Power is available		
BATTERY ON	When Battery is supplying power to the Radio/equipments		
BATTERY LOW	When Battery Voltage falls below 11.4V		
<b>Protection:</b>			
Output Over-Voltage	PSU trips on over-voltage condition		
Output Over-Load end.	Output folds back on over-load		
Short Circuit	Goes to hic-up mode on short circuit		
Battery Rev. Polarity	PSU protected through external fuse		
<b>Safety EMI:</b>			
Safety	Designed to meet IEC-1950		
EMI	FCC Class - B/CISPR22		
<b>Dimension &amp; Weight:</b>			
Approx. Dimension (WxDxH)	190 x 190 x 85 mm	190 x 190 x 85 mm	240 x 255 x 104mm
Approx. Weight	1.9 KG	1.9 KG	3.8 KG

**Model CSG-1210**



**Model CSG-1230**



- \* Battery Low Voltage Disconnect (10.8VDC) option is available for all 3 models above.
- \*\* Dual AC Input 120/240VAC option is available for Model CSG-1210 and CSG-1215.
- \*\*\* Non Battery Charging Option is available for all above 3 models.