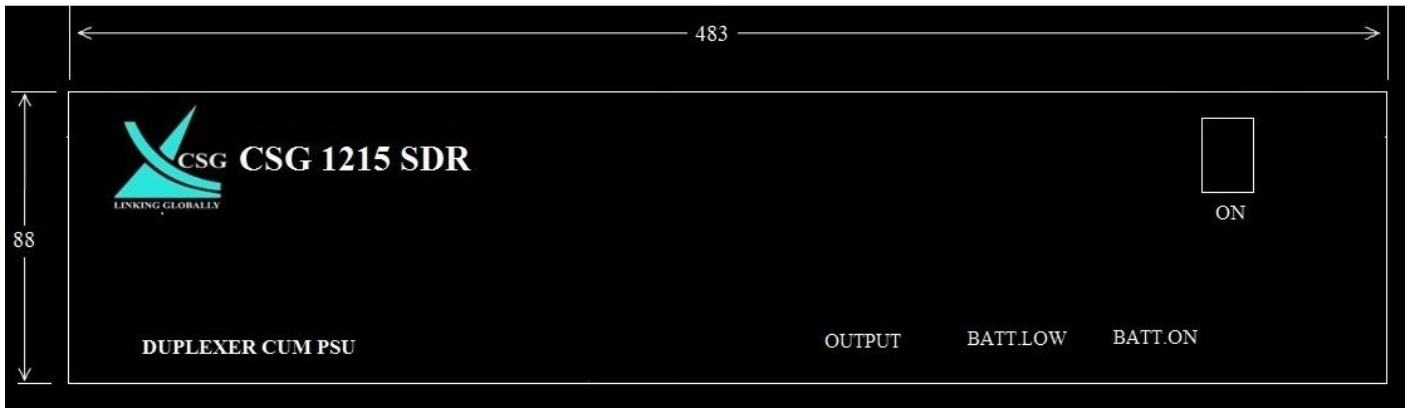




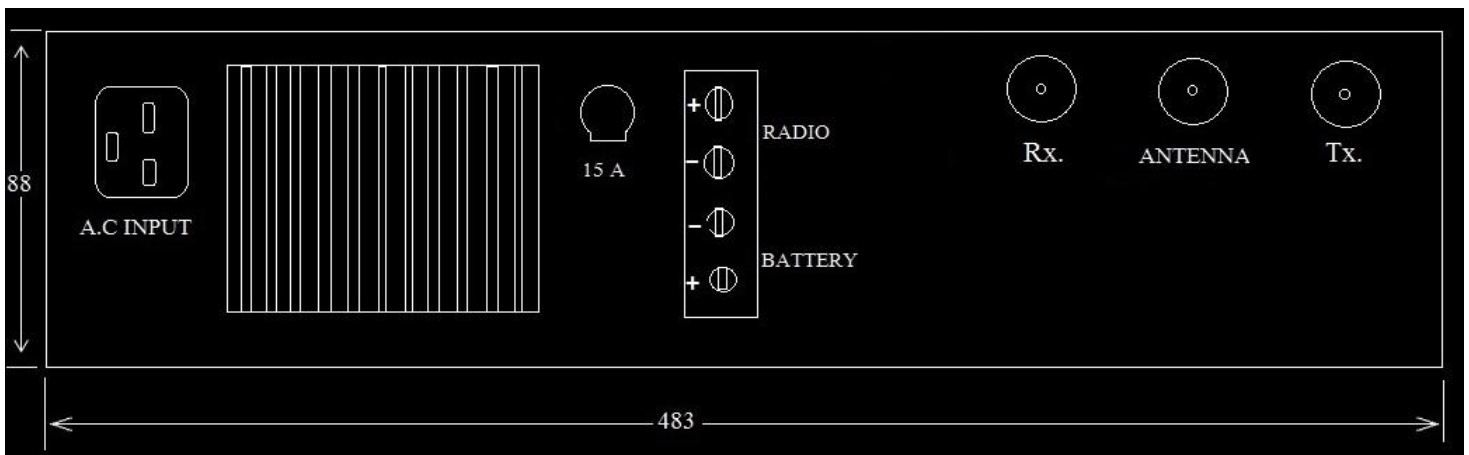
# DUPLEXER CUM PSU

## CSG 1215 SDR

CSG 1215 SDR is a Combo unit providing advantages of 19 inch rack configuration housing both 50 Watt Duplexer ( VHF / UHF band ) and 15 Amp Power supply in single shelf , 2U high .



FRONT VIEW



REAR VIEW

The cable entry to Duplexer and to Power Supply is from the rear side.



## Power Supply With Auto Battery Charger

<b>PARAMETERS</b>	<b>SPECIFICATIONS</b>
<b>Output Specifications</b>	
AC Input Voltage Range	170 - 270 V AC, 1 $\Phi$
Input Frequency	50 ~ 60 Hz
DC Output Voltage	13.5 V DC
DC Output Current – Equipment	15.0 Amp.
DC Output Current– Battery	7.0 Amp.
Output Ripple (P-P) Max.	< 1 %
Output Voltage Regulation	$\leq \pm 2$ %
Approx. Dimensions (H x W x D)	85 x 483 x 190 mm
Approx. Weight	4.800 kg
<b>Indications</b>	
Green LED Mains ON	When AC is Available
Yello LED Battery ON	When Battery is Supplying Power to the Radio
RED LED Battery Low	When Battery Voltage is less than 11.4 V
<b>Environmental</b>	
Operating Temperature	0 °C - 50 °C
Non-Operating Temperature	0 °C - 75 °C
Humidity	5 % to 95 % Non-Condensing
<b>Safety &amp; EMI</b>	
Safety	Designed to meet IEC – 1950
EMI	FCC Class - B / CISPR22
<b>Protections</b>	
Output Over Voltage	PSU Trips on Over Voltage Condition
Output Over Load	Output Folds Back on Over Load
Short Circuit	Goes to Hick-up Mode on Short Circuit
Battery Reverse Polarity	PSU Protected Through External Fuse



**Band Reject Notch Type Mobile Duplexer**  
**50 Watt Continuous UHF Band**  
**REN 2400 NX**

<b>PARAMETERS</b>	<b>SPECIFICATIONS</b>
Frequency Range	400 ~ 500 MHz
Frequency Separation	5 / 10 MHz
Insertion Loss	≤ 1.3 dB
Isolation Loss	≥ 75 dB for Tx - Rx, 5.0 MHz ≥ 75 dB for Tx - Rx, 10.0 MHz
Return Loss	≥ 18 dB
Power Rating	50 Watt
Connectors	N-Female
Dimensions Approx.(H x W x D)	32 x 155 x 220 mm
Weight (Approx.)	1.20 kg
Operating Humidity	5 % ~ 95 %
Operating Temperature	-25 °C ~ +60 °C



**WE ALSO UNDERTAKE DESIGNS PER YOUR REQUIREMENT**