

Power Supply cum Battery Charger

CSG 1215 DR (Analogue Display)

PARAMETERS	SPECIFICATIONS
AC Input Voltage Range	170 - 270 V AC, Single Phase
Input Frequency	50Hz \pm 3Hz
Efficiency at Full Load	\geq 80 %
Output Specifications	
DC Output Voltage	13.80 VDC \pm 0.1V
DC Output Current – Equipment	15.0 Amps
DC Output Current – Battery	7.0 Amps
Output Ripple (P-P) Max.	< 1 %
Output Voltage Regulation	\leq \pm 2 %
Output Voltage Adjustment	12.0V – 14.20VDC
Battery Deep Discharge Cut-Off	10.60V \pm 0.2V
Protections	
Output Over Voltage	PSU Trips on Over Voltage Condition
Output Over Load End	Output Folds Back on Over Load
Short Circuit	Goes to Hick- up Mode on Short Circuit
Battery Reverse Polarity	PSU protected through External Fuse
Indications	
Green LED Mains ON	When AC is available
Yellow LED Battery ON	When Battery is supplying Power to the Radio
Red LED ON With Audio Alarm	When Battery Voltage is less than 11.8 V
Red LED ON	When Battery is Reverse Polarity Connected
Analogue Meter Display	Voltmeter (Output DC voltage) and Ammeter (Switch control to read either Load OR Battery Current)
Environmental	
Approx. Dimensions (L X W X H)	445 x 230 x 100 mm
Approx. Weight	4.0 kg
Operating Temperature	0°C - 50°C
Humidity	Operating 5 % RH to 85 % RH Non-Condensing
Storage	5 % RH to 95 % RH Non-Condensing
Safety & EMI	
Safety	CE Approved, Designed to meet IEC – 1950
EMI	FCC Class - B / CISPR22



WE ALSO UNDERTAKE DESIGNS PER YOUR REQUIREMENT