

# Power Supply with Auto Battery Charge

## CSG 1215

| PARAMETERS                     | SPECIFICATIONS                           |
|--------------------------------|--|
| <b>Output Specifications</b>   |  |
| AC Input Voltage Range         | 170 - 270 VAC, 1Φ                        |
| DC Output Voltage              | 13.75 VDC                                |
| DC Output Current – Equipment  | 15.0 Amps                                |
| DC Output Current – Battery    | 7.0 Amps                                 |
| Output Ripple (P-P) Max.       | < 1 %                                    |
| Output Voltage Regulation      | ≤±2%                                     |
| Approx. Dimensions (H x W x D) | 88 x 195 x 195 mm                        |
| Approx. Weight                 | 1.95 Kgs                                 |
| <b>Indications / Alarms</b>    |  |
| Mains ON (Green)               | When AC is Available                     |
| Battery ON (Yellow)            | When Battery is Feeding to the Radio     |
| Battery Low (Red)              | 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 End           | Output Folds Back on Over Load           |
| Short Circuit                  | Goes to Hick-up Mode on Short Circuit    |
| Battery Discharge Protection   | Battery cut off @ 10.3 V +/- 0.3 V       |
| Battery Reverse Polarity       | PSU Protected Through External Fuse      |

