

## SMPS-CH1220-DT-M Switching Power Supply



This device is designed and manufactured to convert a mobile Radio to base station Radio. long-term and reliable work is provided for this device by taking into account the basic protections for it. for installing the Radio, it is necessary to open the door of the device and fixing the Hytera or Motorola Radio to the bracket using provided screws.

### Features:

- ✓ Digital voltmeter and Ammeter
- ✓ internal battery charger for charging the backup battery
- ✓ Automatic switching of radio's supply line to the reserve battery in case of AC power failure
- ✓ High efficiency electric Fan for cooling the device and radio
- ✓ high quality radio communication due to the low noise and ripple
- ✓ over voltage and over current protection for "RADIO" output
- ✓ short circuit and reverse polarity protection for "BATT " terminal

### ✓ Technical Specifications

AC Input voltage	220V/50Hz
"RADIO" output	13.6Vdc / 20A continuous 22A intermittent
"BATT" output	13.6Vdc / 400mA
Maximum output ripple	150mV p-p Max.
Load/Line regulation	% 1 / %2 Max.
Operating temperature range	-10 °C ~ 40 °C