

SMPS-CH1230-1-RF

Rack mount Switching Power Supply



This device is designed and manufactured to supply rack mount radios and its height is 2U. For saving the rack space, the system panel is designed to be able to install 1 or 2 power supply units. long-term and reliable work is provided for device by taking into account the basic protections for it. After installing the power supply on the rack, fasten the radio's power supply cables to the "RADIO" terminal and the reserve battery cables to the "BATT" terminal considering correct polarities.

Features:

- ✓ 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
- ✓ Ability to install an automatic electric fan (optional)
- ✓ 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
- ✓ Device Input protection by fuse

✓ Technical Specifications

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|-----------------------------|-----------------------------|
| AC Input voltage | 220V \pm % 10 , 50 /60 Hz |
| "RADIO" output | 13.8Vdc / 25A |
| "BATT" output | 13.8Vdc / 1A Max. |
| Maximum output ripple | 150mV p-p |
| Load/Line regulation | %2 / %5 Max. |
| Operating temperature range | -10 °C ~ 40 °C |