

TPS440CT-30

The **New** Power Supply with Battery Charger

Benefits:

- Low cost
- 2 Easy way to install (Transportable & Desk mount)
- Battery charger up to 10 Amp for Battery Back-Up
- Direct plug wire battery & load. (see pic.1)
- Better Indications.(see pic.2)
 - **Main ON** : When AC in available.
 - **Battery ON**: When Battery is supplying power to the radio
 - **Battery LOW**: When battery voltage is less than 10.8Vdc
- Short Circuit & Over Voltage protection .
- Used very often for HF radios (125-150Wrf)



DESCRIPTION:

This 13.5V/30A SMPS based Power Supply with Battery Charger is for powering the wireless sets. It supplies power to the Wireless Set and at the same time Charge the battery.

SPECIFICATIONS:

- **INPUT AC SPECIFICATIONS :**
Input Voltage 90V to 130VAC RMS & 170V TO 270VAC. (Selecting Change over switch)
Input Frequency 50Hz \pm 3Hz
- **OUTPUT DC SPECIFICATIONS:**
DC Output Voltage 13.50 V DC
Output Current - Equipment 30.0 Amps (When Battery drawing no current)
Output Current - Battery 10.0 Amps
Battery deep discharge cut-off facility 10.60V \pm 0.20V
- **PROTECTIONS :**
Output over Voltage: Power supply 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: Buzzer beep sound & Red LED glowing
- **INDICATIONS:**
Mains On: When AC is available (Green LED)
Battery ON: When Battery is supplying power to the Radio (Amber LED)
Battery Low: When Battery Voltage is less than <11.4V (Red LED)
- **ENVIRONMENTAL**
Operating Temperature 0 - 50°C
- **MECHANICAL**
Dimensions (W \times H \times D) 269 x 100 x 276(in mm) / 0.59" x 3.93" x 10.86" (inches)
Weight (in Kg.) 3.5 / 9.37 lb (pounds)