

SECRET CB'S SUPER 20 POWER SUPPLY--HOW TO BUILD SERIES

In this series we will show you how to save a lot of hard earned bucks and come out with an outstanding 20 amp regulated power supply. All the parts are easy to find and are common in discount flyers from such suppliers as POLY PAKS (P.O. Box 942, South Lynnfield, MA. 01940) or SOLID STATE SALES (P.O. Box 74D, Somerville, Mass. 02143). The best way to locate parts is to pick up a copy of RADIO ELECTRONICS magazine and page through the ads in the back. You will find a great many good deals there. Now, back to building. Below is a parts list with specifications and a schematic and diagram to help.

PARTS LIST

- 3 2N3055 Transistors, TO3 case
- 3 TO3 Sockets
- 3 TO3 Heatsinks
- 2 1N1184 Rectifiers, common Anode
- 2 10,000ufd. @ 35Vdc Electrolytic capacitors
- 1 220 ohm, 2 W Carbon resistor
- 2 68 ohm, 1 W
- 1 390 ohm, $\frac{1}{4}$ W
- 1 510 ohm, $\frac{1}{4}$ W
- 1 14.7V $\frac{1}{2}$ W Zener diode
- 1 Power Transformer, 120V Pri./ 36.5V C.T. Sec. 20A
- 1 RED LED, Jumbo
- 2 Chassis-mount fuseholders
- 1 0-20A ammeter, optional
- 1 Case, your choice
- 1 Misc. hardware, connecting wire as necessary

SCHMETIC:

