

Powerbase Power Supply Code - EPU2017



The Powerbase is a heavy-duty power supply offering 0-15V ac and 0-20V dc smoothed outputs. Both outputs are continuously variable and may be used simultaneously up to a combined output current of 8A.

The front panel contains a clear display and knob to select the required output voltage. The approximate voltages are shown surrounding the dial. Also on the front panel are an on/off switch with neon indicator, five output sockets for ac, dc and earth and a reset button. The reset button operates if there is a short circuit or overload on any of the outputs. Should the reset button pop out, switch off the supply, rectify the fault, switch on again and press the button in. Please note that the button takes about 5 seconds to reset and will not work if pushed within this time.

The rear panel contains a fuse holder fitted with 5A fuse and a fixed mains lead. For accurate output voltages a suitable voltmeter or multimeter should be employed.

Turn the dial to zero, connect your load and then dial up the required voltage. The unit also contains a voltage limiter lock, which sets the maximum voltage obtainable. To set the lock, proceed as follows:

- Set the maximum voltage required on the dial. Turn the unit upside down (onto its handle)
- Swing the trailing arm, which is beneath the dial, to the right so that it rests against the projecting stud
- Firmly tighten the screw at the end of the arm
- Set the unit back onto its feet

Please Note: The off load voltages are higher than marked on the dial.

N.B. The knob is loosely fitted to the variable control shaft so that when the voltage limit is reached it will slip round. To remove the voltage limit, simply loosen the tightening screw slightly, allowing the trailing arm to swing freely.