**DESCRIPTION**

The 7088 provides variable 50Hz AC power up to 10A. The output voltage and current are monitored on two meters and is available from a front panel socket (type selectable when placing order). The output is protected by a 10A circuit breaker. Further protection is provided a front panel fuse. The output voltage is adjustable by turning the front panel control knob. An independent incoming power switch is also provided. The 7088 is not isolated from the mains supply so the highest voltage is dependant upon the mains line voltage.

The 7088’s method of achieving a variable AC supply is by means of using a variable voltage auto-transformer. This provides a trouble free and an efficient way of varying/controlling AC voltages. Variation of the output voltage is achieved by a brush arm with a carbon tip, which rotates around a silver plated commutator.

The socket type on the front panel of the 7088 is selected by the user. These include UK 13A, Euro Schuko 16A, US 15A, and Indian Round Pin 15A. The type must be specified on ordering.

**SPECIFICATIONS**

- **Power**: Dependant on the mains supply to the bench (not isolated)
- **Output Voltage**: Variable 0 to 110% above line input.
  - Example Voltage Inputs/Outputs: 0 to 265V 50Hz, 10A at 240V input. 0 to 121V 50Hz, 10A at 110V input.
- **Output Current**: 0 to 10A maximum
- **Input Fuse**: 10A slow blow
- **Output Circuit Breaker**: 10A (medium response time)
- **Meters**: A.C. moving iron meters to standard DIN specification, 90° scale arc. Manufactured to BS89/IEC51
- **Switches**: Mains power on/off switch and an independent incoming power switch
- **Output Socket**: Specified on ordering
- **Output Voltage Control**: Front panel analogue deviation control
- **Module Width**: 350mm (typically fitted in the left corner of the primary console)

**ORDERING INFORMATION**

7088 Adjustable AC Power Supply Module (socket type must be specified)