



- **Variable output voltage: 0 to 110% above line input**
- **0 to 265V 50Hz, 10A at 240V input**
- **0 to 121V 50Hz, 10A at 110V input**
- **Simple analogue deviation control**
- **0 to 10A output current**
- **High efficiency and excellent regulation**
- **Smooth and linear output**
- **Input fuse 10A slow blow**
- **Various socket types available**

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)

Due to continuous development Time Electronics reserves the right to change specifications without prior notice.