

Unregulated Power Supply Line

IP500U SERIES



The IP500U series unregulated power supply line is designed for high current applications at low cost when full regulation is not required. This rugged, highly reliable power supply line is ideal for applications such as powering solenoids, relays, DC motors, lamps and DC-DC converters. Standard DC outputs are listed below, other outputs from 9 to 175 volts are available on special order.

Standard Features

- Bobbin Wound Transformer
- Computer Grade Capacitors
- Floating Output
- Full Rated to 55 degrees Celsius
- Open Frame Construction
- Secondary Fuse Protection
- 50 amp, 200 volt full bridge rectifier
- Full two year warranty

Specifications

- AC Input 47-63 Hz
- 108/120/132/216/240/264 VAC Selection
- Output Ripple: 3% RMS at full rated load, 4% on 12 volt model IP500U12
- Efficiency @ Full Load 80% typical
- UL Recognized for USA and Canada File Number E133338
- TUV Rheinland licensed. Certificate no. R 9675002
- Complies with the requirements of standard EN 60590 and low voltage directive 72/23/EEC

TYPICAL DC OUTPUT @ NOMINAL INPUT

MODEL NUMBER	NO LOAD	HALF LOAD	FULL LOAD	AMPS FULL LOAD
IP500U12	14.7	13.0	12.0	30
IP500U24	29.2	26.8	24.6	20
IP500U36	42.8	38.2	36.1	13.3
IP500U48	56.6	52.8	48.8	10
IP500U65	75.2	68.8	65.2	7.7
IP500U75	85.5	78.2	74.8	6.6