



105W OPEN-FRAME AC-DC SWITCHING POWER SUPPLY **OPU105**



FEATURES:

- 100% HI-POT TESTED @ 3KVAC PRI-SEC.
- 100% CYCLING BURNT-IN
- INSULATION 50M OHM PRI-SEC.
- LEAKAGE CURRENT < 0.25MA @ 240VAC 50HZ

SPECIFICATION

INPUT SPECIFICATION

Input Voltage: 90-264Vac typical.
Input Connector: V-M connector
Input Frequency: 47-63Hz.
Inrush Current: 40A max. @ cold start 25 °C.
Input Current: 1.2A max. @ 120Vac.
Protection: 3A fuse on board.
EMI: FCC part 15 Class B, CISPR 22 Class B
Hold-up Time: >20mS @ full load 120Vac. typical

OUTPUT SPECIFICATION

Output Voltage: See Rating Charts
Output Current: See Rating Charts
Output Wattage: 80W convection; 105W @ 20CFM.
Output Connector: V-M connector
Line Regulation: ± 1.0% typical.
Load Regulation: ± 5.0% typical.
Noise & Ripple: 1% peak to peak typical.
OVP: Build-in.
Overload Protection (OLP): Fully protected against short circuit, over current & over power. Consult the factory for OLP setting.

GENERAL SPECIFICATION

Efficiency: 70% typical @ full load.
Transient Response: 10% @ 50% load change.
Safety Standard: Meet UL60950/EN60950 Level B
Shock: MIL-STD-610C 516 Part V
Vibration: 10-500Hz 16 min/cycle/axis.
Operating Temperature: Full load @ 0 to +50°C convection.
Storage Temperature: -20 to +85 °C.
Construction: PCB format

Note:
1. All measurements are at nominal input, full load, and +25 °C unless otherwise specified.
2. The exact obtainable load regulation depends upon the output cord selected and load current.
3. Due to requests in market and advances in technology, specifications subject to change without notification.

OUTPUT VOLTAGE / CURRENT RATINGS CHART

SINGLE OUTPUT *(Model No. for example)*

MODEL NO.	CONVECTION		@20CFM	
	VOLTAGE	CURRENT (MAX)	VOLTAGE	CURRENT (MAX)
OPU105-103	+3.3V	16.00A	+3.3V	20.00A
OPU105-105	+5.0V	14.00A	+5.0V	18.00A
OPU105-109	+9.0V	8.00A	+9.0V	11.00A
OPU105-112	+12.0V	6.50A	+12.0V	8.75A
OPU105-115	+15.0V	5.30A	+15.0V	7.00A
OPU105-120	+20.0V	4.00A	+20.0V	5.25A
OPU105-124	+24.0V	3.30A	+24.0V	4.40A

MECHANICAL DIMENSIONS: MM

