

80 PLUS Verification and Testing Report

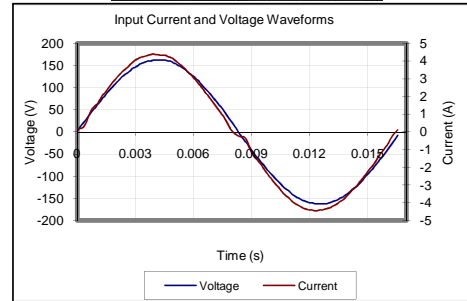
TYPICAL EFFICIENCY (50% Load):	86.25%
AVERAGE EFFICIENCY :	84.57%
80 PLUS COMPLIANT:	YES



Ecos ID #	1571
Manufacturer	IN WIN DEVELOPMENT INC.
Model Number	IP-P300CN7-2
Serial Number	N/A
Year	2009
Type	SFX
Test Date	7/29/2009

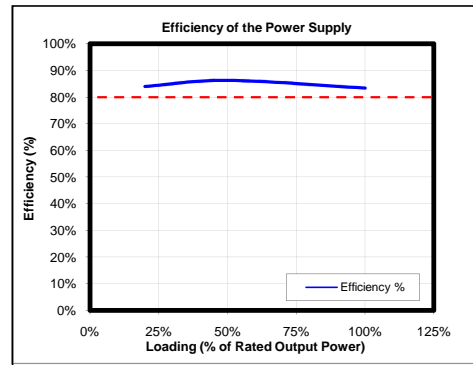
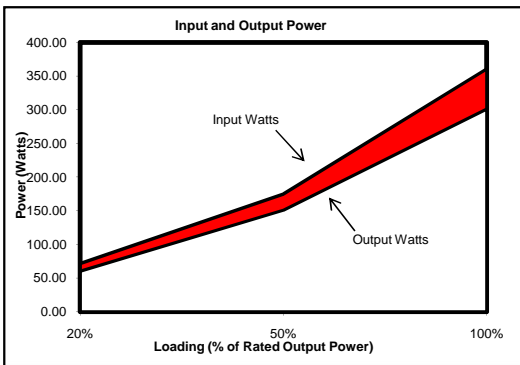
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5	Amps
Input Frequency	60/50	Hz
Rated Output Power	300	Watts

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 8.93%, 50% Load)

RMS A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
						12V (cumulative of 12V1, 12V2, etc.)						
0.64	0.9810	18.41%	20%	Light	72.06	12.1/3.3					60.54	84.01%
1.53	0.9941	8.93%	50%	Typical	175.32	12.1/8.3					151.21	86.25%
3.14	0.9983	4.77%	100%	Full	361.20	12.1/16.6					301.36	83.43%



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.



Tested by Electric Power Research Institute, Knoxville, TN.