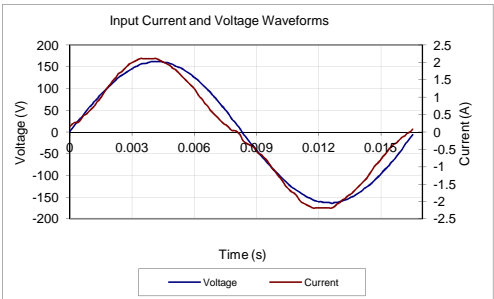


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.95%
AVERAGE EFFICIENCY :	91.39%
80 PLUS COMPLIANT:	YES



Ecos ID #	2941
Manufacturer	IN WIN DEVELOPMENT (U.S.A.) INC.
Model Number	IP-P300HF7-2
Serial Number	N/A
Year	2011
Type	TFX
Test Date	12/22/2011

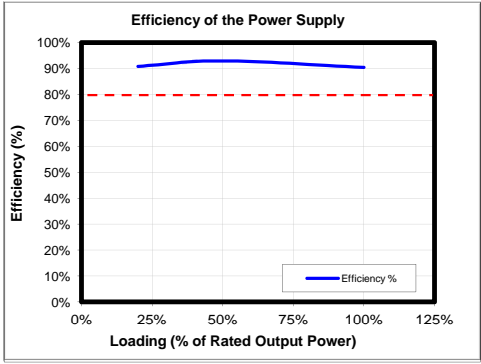
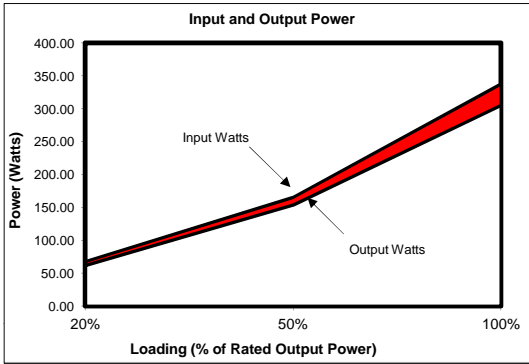


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5	Amps
Input Frequency	60/50	Hz
Rated Output Power	300	Watts

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

Input AC Current Waveform (ITHD = 11.09%, 50% Load)

I _{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.)					
0.61	0.97	11.59%	20%	Light	67.90	12/0	3.4/1.7	5.1/1.7	5.1/0.5	61.66	90.81%
1.46	0.99	11.09%	50%	Typical	165.50	12/2/9	3.4/4.2	5.1/4.2	5.1/1.2	153.84	92.95%
2.95	0.99	6.29%	100%	Full	337.80	12.2/18	3.4/8.4	5.1/8.5	5/2.3	305.42	90.41%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>

