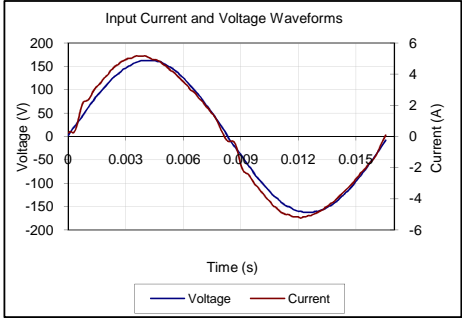


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	85.44%
AVERAGE EFFICIENCY :	83.75%
80 PLUS COMPLIANT:	YES



Ecos ID #	1419
Manufacturer	IN WIN DEVELOPMENT INC.
Model Number	IP-S350EQ3-2
Serial Number	N/A
Year	2009
Type	ATX12V
Test Date	4/30/2009

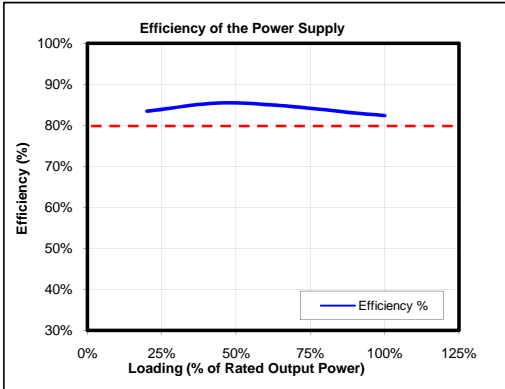
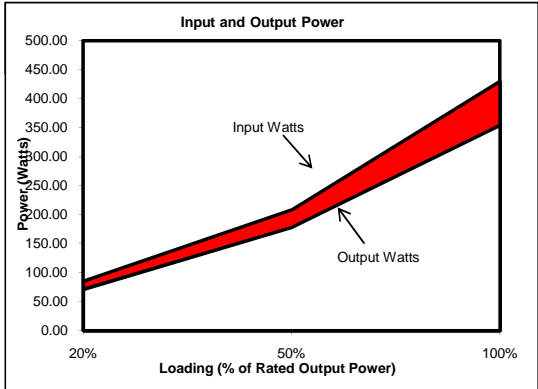


Input AC Current Waveform (ITHD = 5.73%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	115/230	Volts
Input Current	5/3	Amps
Input Frequency	60/50	Hz
Rated Output Power	350	Watts

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

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.)	-12V	3.3V	5V*	5VSB		
0.75	0.9868	9.22%	20%	Light	85.29	12.2/4	12.1/0	3.3/2.7	5.1/1.9	5.1/0.5	71.17	83.45%
1.82	0.9936	5.73%	50%	Typical	208.23	12.2/10.1	12.1/0.1	3.3/6.8	5.1/4.9	5/1.1	177.91	85.44%
3.75	0.9966	5.40%	100%	Full	430.00	12.2/20.2	12.2/0.3	3.3/13.6	5/9.7	5/2.3	354.18	82.37%



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.