

80 PLUS Verification and Testing Report

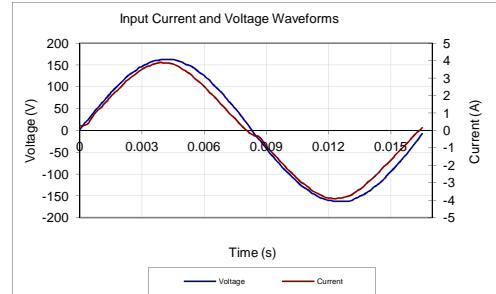
TYPICAL EFFICIENCY (50% Load):	90.57%
AVERAGE EFFICIENCY :	89.40%
80 PLUS COMPLIANT:	YES



Ecos ID #	3661
Manufacturer	FSP TECHNOLOGY INC.
Model Number	AS-550
Serial Number	NA
Year	2013
Type	ATX12V,EPS12V
Test Date	7/31/13

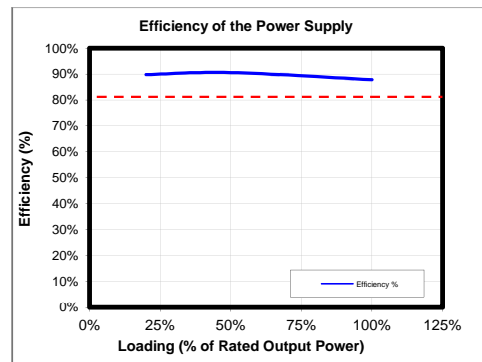
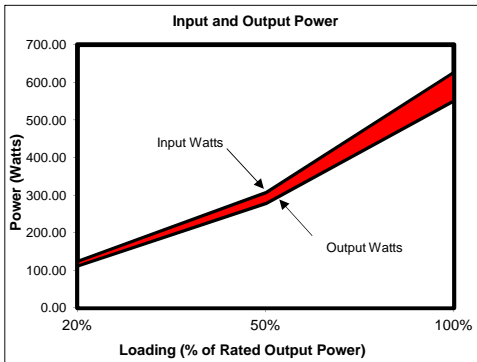
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (ITHD = 7.48%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	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		
0.59	0.96	27.44%	10%	64.78	12.2/3.6	11.7/0	3.3/1.3	5/1.2	5/0.3	55.77	86.09%
1.10	0.98	19.77%	20%	123.85	12.1/7.1	11.6/0.1	3.3/2.7	5/2.5	5/0.5	111.20	89.79%
2.67	1.00	7.48%	50%	306.40	12.1/17.9	11.7/0.1	3.3/6.7	5/6.1	5/1.3	277.49	90.57%
5.46	1.00	5.10%	100%	626.70	12.1/35.7	11.8/0.3	3.2/13.4	5/12.2	4.9/2.5	550.47	87.84%



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/>

