

## 80 PLUS Verification and Testing Report

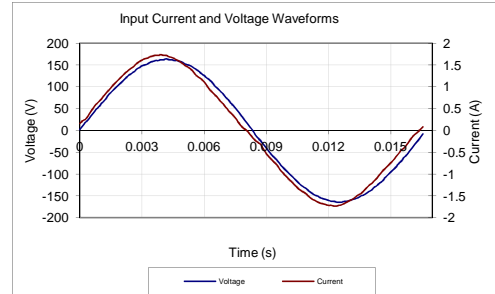
TYPICAL EFFICIENCY (50% Load):	90.93%
AVERAGE EFFICIENCY :	89.64%
80 PLUS COMPLIANT:	YES



Ecos ID #	3426
Manufacturer	FSP Technology Inc
Model Number	FSP250-60FAG
Serial Number	S2441000032
Year	2013
Type	FLEX ATX
Test Date	1/8/13

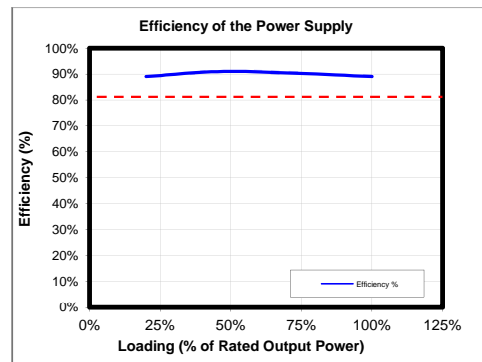
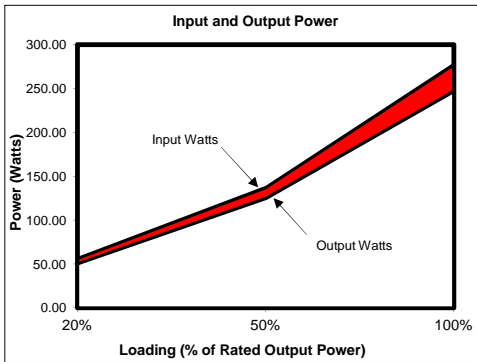
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	3-1.5	Amps
Input Frequency	60-50	Hz
Rated Output Power	250	Watts

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



Input AC Current Waveform (ITHD = 4.74%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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		
0.28	0.94	20.10%	10%	29.88	12/1.6	11.9/0	3.3/0.5	5.1/0.6	5/0.2	25.20	84.32%
0.50	0.98	13.05%	20%	56.41	11.9/3.3	11.7/0.1	3.3/1	5.1/1.1	5/0.3	50.19	88.98%
1.20	0.99	4.74%	50%	137.24	11.9/8.1	11.6/0.1	3.3/2.5	5.1/2.9	5/0.8	124.79	90.93%
2.42	1.00	3.74%	100%	277.50	11.8/16.2	11.5/0.3	3.3/5	5.1/5.7	5/1.5	247.03	89.02%



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/>

