

80 PLUS Verification and Testing Report

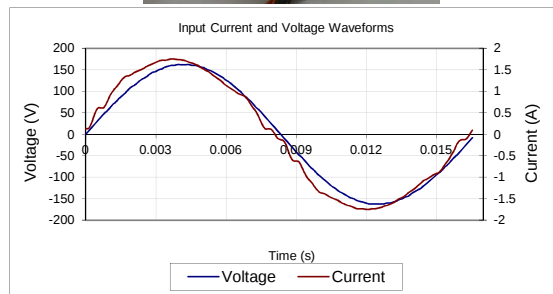
TYPICAL EFFICIENCY (50% Load):	86.21%
AVERAGE EFFICIENCY :	84.35%
80 PLUS COMPLIANT:	YES



Ecos ID #	4258
Manufacturer	FSP Technology Inc.
Model Number	FSP250-50FGBBG
Serial Number	N/A
Year	2015
Type	FLEX ATX
Test Date	3/12/15

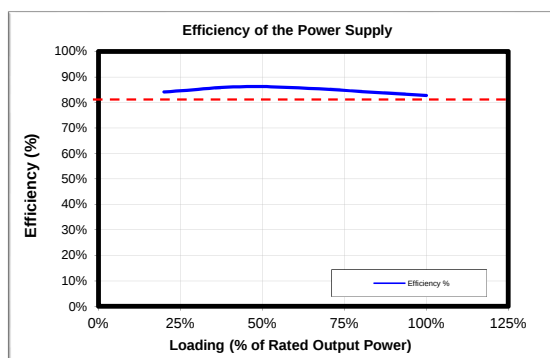
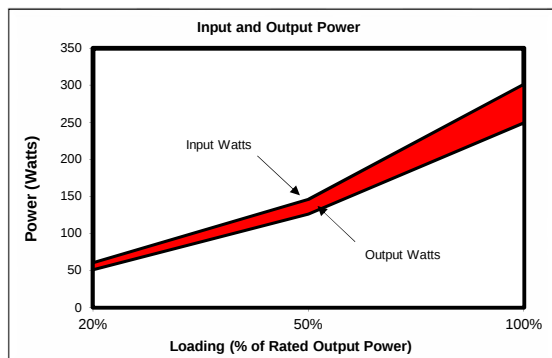
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4-2	Amps
Input Frequency	60-50	Hz
Rated Output Power	250	Watts

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



Input AC Current Waveform (ITHD = 5.16%, 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		
0.32	0.89	16.50%	10%	32.36	12.11/1.45	12.1/0.02	3.34/0.7	5.07/0.82	5.04/0.2	25.24	78.00%
0.54	0.96	8.91%	20%	60.13	12.12/2.89	12.12/0.05	3.33/1.4	5.04/1.64	5.04/0.4	50.59	84.13%
1.28	0.99	5.16%	50%	145.90	12.07/7.24	12.17/0.12	3.32/3.51	5.01/4.06	5.02/1	125.79	86.21%
2.65	0.99	13.40%	100%	301.20	11.94/14.47	12.22/0.24	3.29/7.02	4.96/8.13	4.99/2	249.13	82.71%



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/>

