

80 PLUS Verification and Testing Report

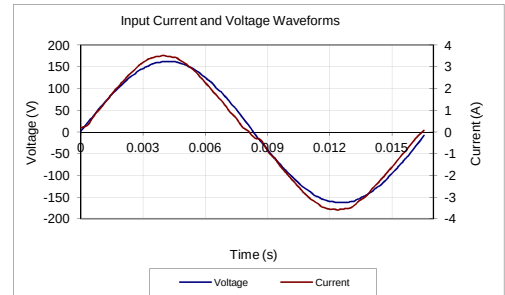
TYPICAL EFFICIENCY (50% Load):	90.05%
AVERAGE EFFICIENCY :	89.30%
80 PLUS COMPLIANT:	YES



Ecos ID #	2879
Manufacturer	FSP Technology Inc
Model Number	FSP500-60EGA
Serial Number	S1031000018
Year	2011
Type	ATX12V
Test Date	11/22/2011

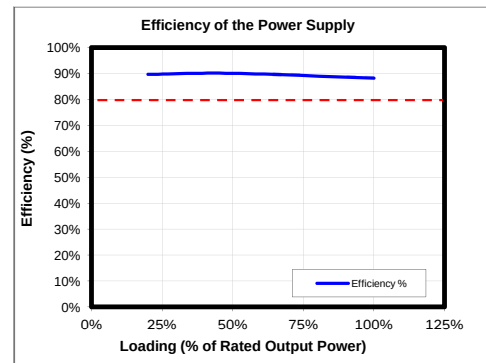
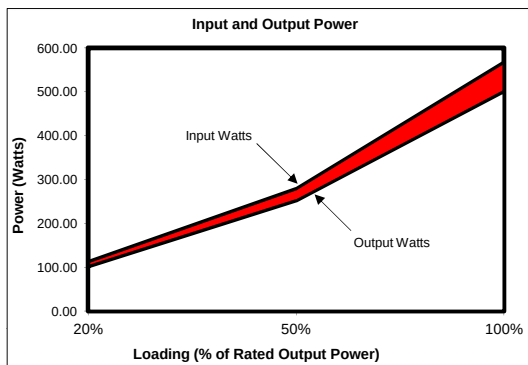
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
Rated Output Power	500	Watts

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



Input AC Current Waveform (ITHD = 7.15%, 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.)	-12V	3.3V	5V	5Vsb		
1.00	0.98	18.47%	20%	Light	113.29	12.1/6.2	12.4/0	3.3/2.7	5.1/2.7	5/0.6	101.58	89.66%
2.44	1.00	7.15%	50%	Typical	279.60	12/15.5	12.3/0.1	3.3/6.7	5.1/6.7	5/1.5	251.79	90.05%
4.95	1.00	4.87%	100%	Full	568.50	12/30.9	12.3/0.3	3.3/13.3	5/13.4	4.9/3	501.28	88.18%



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/>

