

80 PLUS Verification and Testing Report

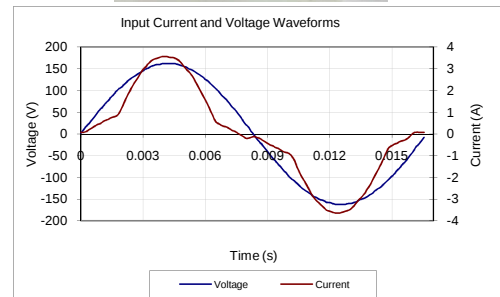
TYPICAL EFFICIENCY (50% Load):	86.81%
AVERAGE EFFICIENCY :	85.23%
80 PLUS COMPLIANT:	YES



Ecos ID #	2454
Manufacturer	FSP Technology Inc
Model Number	FSP400-70PFL
Serial Number	N/A
Year	2011
Type	ATX12V
Test Date	2/24/2011

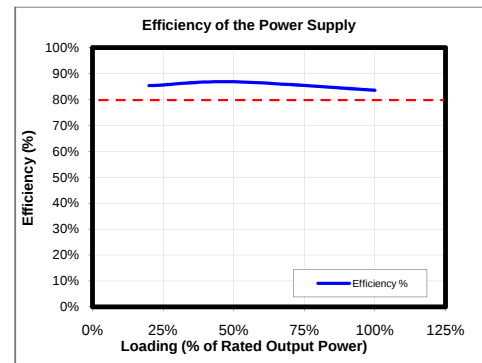
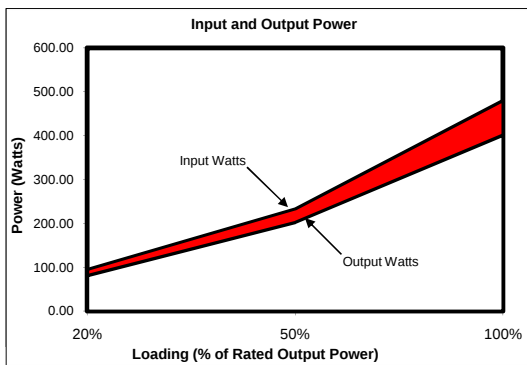
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	60-50	Hz
Rated Output Power	400	Watts

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



Input AC Current Waveform (ITHD = 29.75%, 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		
0.84	0.99	11.54%	20%	Light	95.23	12.2/5.1	11.2/0.1	3.3/2.3	5.1/1.8	5/0.5	81.27	85.34%
2.13	0.95	29.75%	50%	Typical	233.27	12.1/12.7	11.1/0.2	3.3/5.7	5.1/4.4	5/1.1	202.49	86.81%
4.33	0.96	25.85%	100%	Full	480.60	12/25.3	11.1/0.4	3.3/11.4	5/8.8	4.9/2.2	401.53	83.55%



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/>

