

80 PLUS Verification and Testing Report

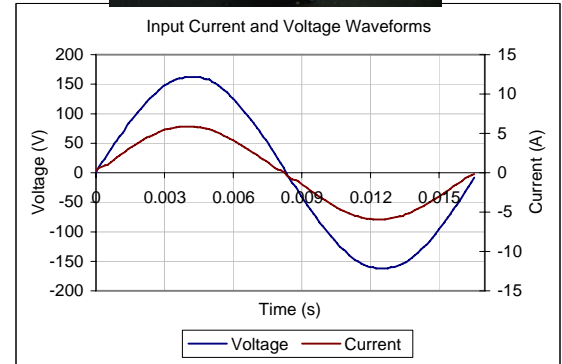
TYPICAL EFFICIENCY (50% Load): 85.95%
AVERAGE EFFICIENCY : 87.33%
80 PLUS COMPLIANT: YES



Ecos ID #	964
Manufacturer	FSP
Model Number	FSP400-60TBN
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	9/30/2008

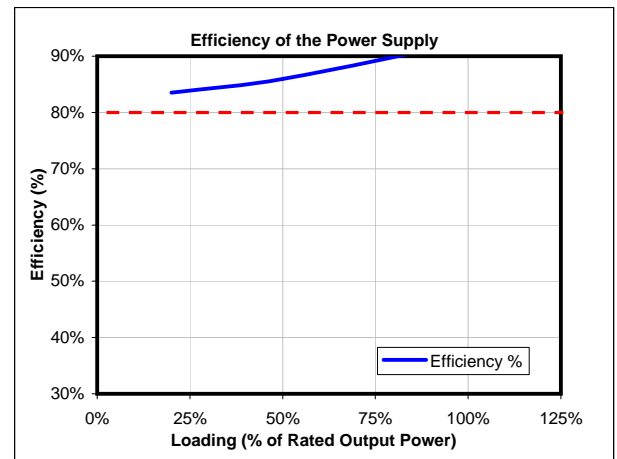
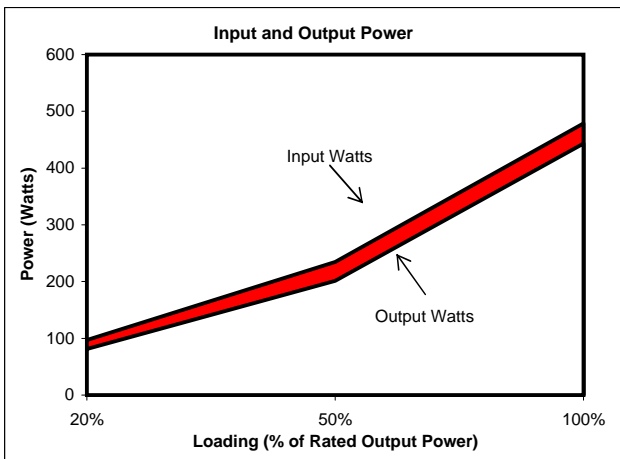
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6	Amps
Input Frequency	50-60	Hz
Rated Output Power	400	Watts

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



Input AC Current Waveform (ITHD = 3.63%, 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		
0.85	0.99	3.3%	20%	Light	97	12.1/4.7	12.2/0.1	3.4/2.4	5.1/2.4	5.1/0.5	81	83.49%
2.04	1.00	3.6%	50%	Typical	234	12/11.8	12.4/0.2	3.3/6.1	5.1/6.1	5.1/1.2	201	85.95%
4.17	1.00	3.6%	100%	Full	479	11.9/23.5	12.6/3.9	3.3/12.2	5/12.2	5/2.4	443	92.53%



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/>

