

80 PLUS Verification and Testing Report

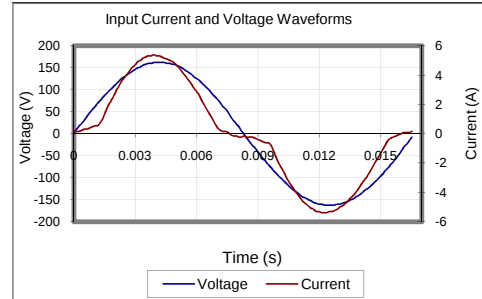
TYPICAL EFFICIENCY (50% Load):	85.21%
AVERAGE EFFICIENCY :	83.28%
80 PLUS COMPLIANT:	YES



Ecos ID #	994
Manufacturer	FSP
Model Number	FSP300-60GHT
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	10/9/2008

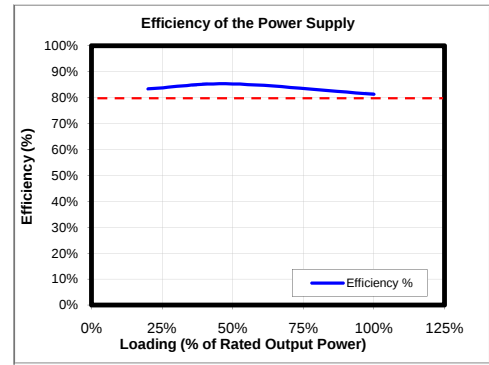
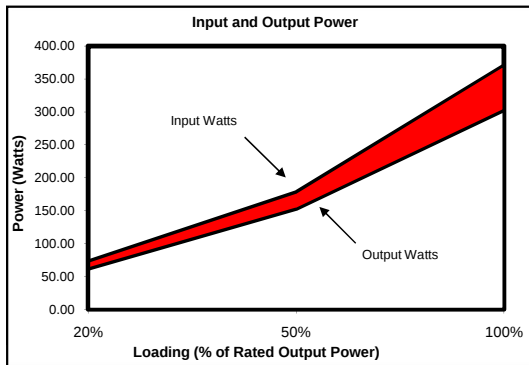
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4.5-2.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	Watts

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



Input AC Current Waveform (ITHD = 26.38%, 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		
0.65	0.98	18.80%	20%	Light	73.54	12.3/3.7	11.5/0.1	3.4/1.5	5.1/1.7	5.1/0.3	61.27	83.32%
1.61	0.96	26.38%	50%	Typical	178.71	12.2/9.3	11.6/0.1	3.4/3.9	5.1/4.2	5.1/0.6	152.29	85.21%
3.35	0.97	25.36%	100%	Full	371.89	12.1/18.6	11.6/0.3	3.4/7.7	5.1/8.5	5/1.2	302.33	81.29%



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/>

