

80 PLUS Verification and Testing Report

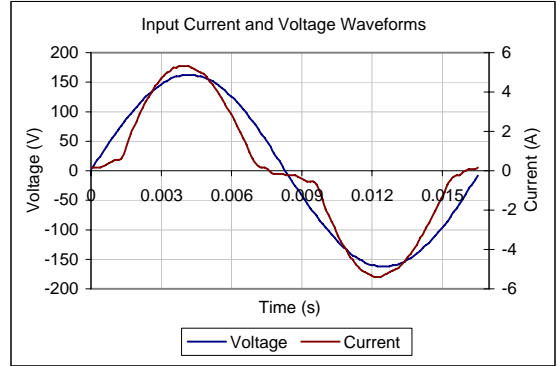


TYPICAL EFFICIENCY (50% Load):	83.50%
AVERAGE EFFICIENCY :	81.53%
80 PLUS COMPLIANT:	YES

Ecos ID #	1060
Manufacturer	FSP
Model Number	FSP300-60GHS
Serial Number	S8381000008
Year	2008
Type	SFX12V
Test Date	10/16/2008

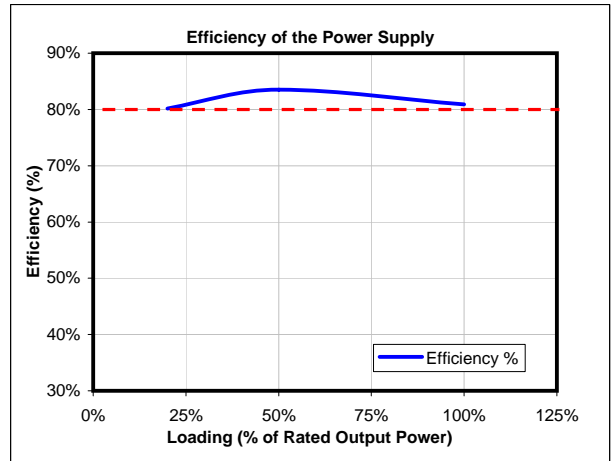
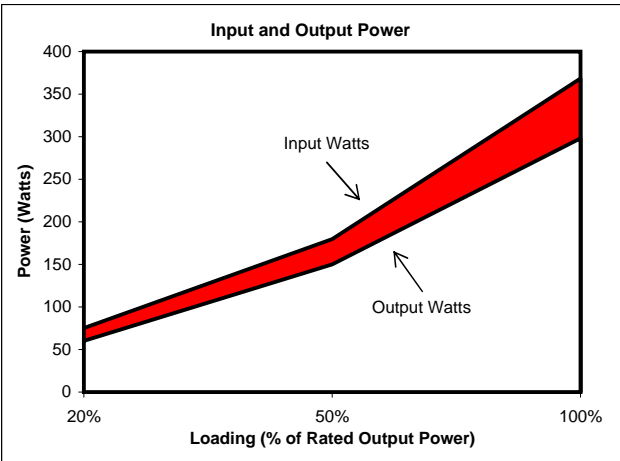
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4.5-2.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	Watts

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



Input AC Current Waveform (ITHD = 27.58%, 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
0.67	0.98	16.2%	20%	Light	75	11.9/3.2	11.9/0.1	3.4/2.1	5.1/2.3	5.1/0.4	60	80.16%
1.63	0.96	27.6%	50%	Typical	180	11.9/8.1	11.9/0.2	3.4/5.2	5.1/5.7	5/0.9	150	83.50%
3.32	0.96	26.0%	100%	Full	368	11.9/16.2	12/0.4	3.3/10.4	5/11.5	4.8/1.8	298	80.92%



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.

Tested by Electric Power Research Institute, Knoxville, TN.

