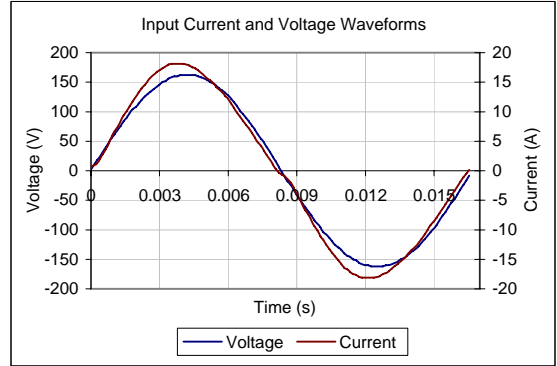


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	86.21%
AVERAGE EFFICIENCY :	84.38%
80 PLUS COMPLIANT:	YES

Ecos ID #	1062
Manufacturer	FSP
Model Number	FSP12A-BOMLA1
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	10/20/2008

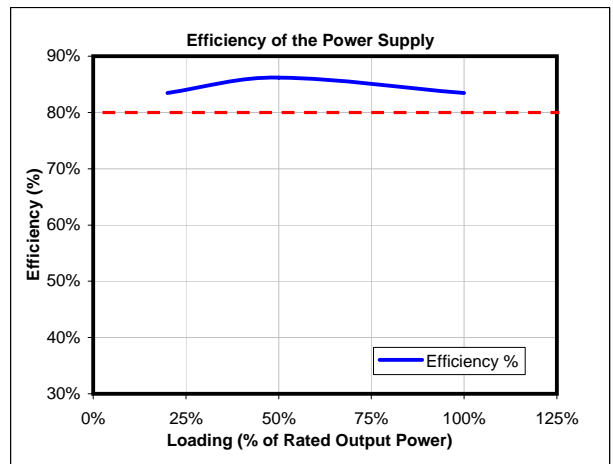
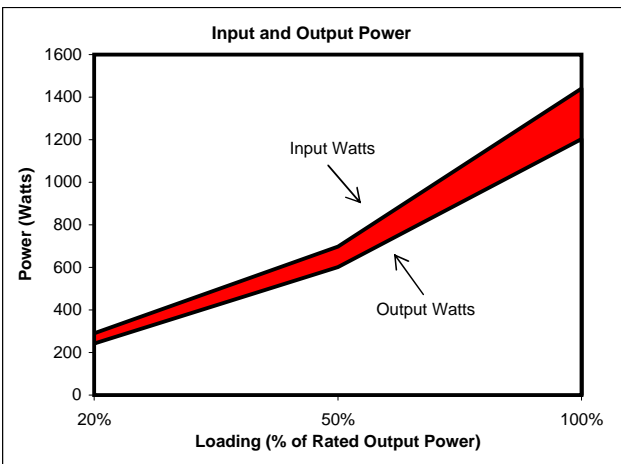


Input AC Current Waveform (ITHD = 9.36%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-10	Amps
Input Frequency	50-60	Hz
Rated Output Power	1200	Watts

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

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
2.57	0.98	13.9%	20%	Light	290	12/16.1	12.2/0.1	3.4/5	5.1/5	5.1/0.8	242	83.44%
6.13	0.99	9.4%	50%	Typical	698	12/40.3	12.3/0.3	3.4/12.5	5.1/12.5	5.1/2	602	86.21%
12.57	1.00	6.2%	100%	Full	1440	12/80.5	12.2/0.6	3.4/24.8	5.1/25	5.1/4	1202	83.48%



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/>

