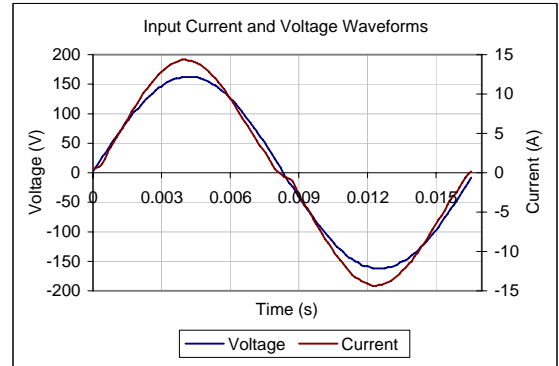


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	84.21%
AVERAGE EFFICIENCY :	81.89%
80 PLUS COMPLIANT:	YES

Ecos ID #	687.1
Manufacturer	FSP
Model Number	EPSILON 80 PLUS 900
Serial Number	NA
Year	2008
Type	ATX12V & EPS12V
Test Date	5/27/2008

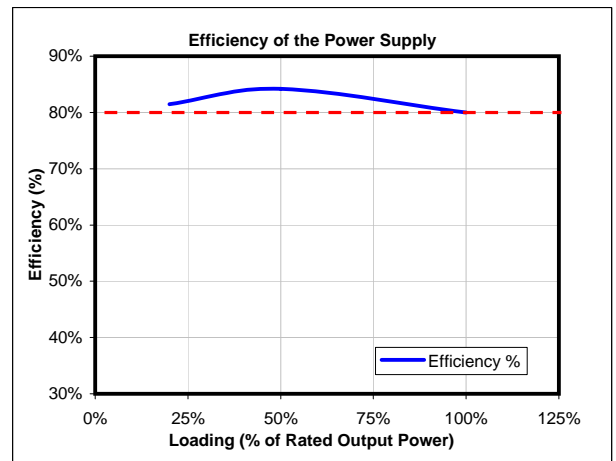
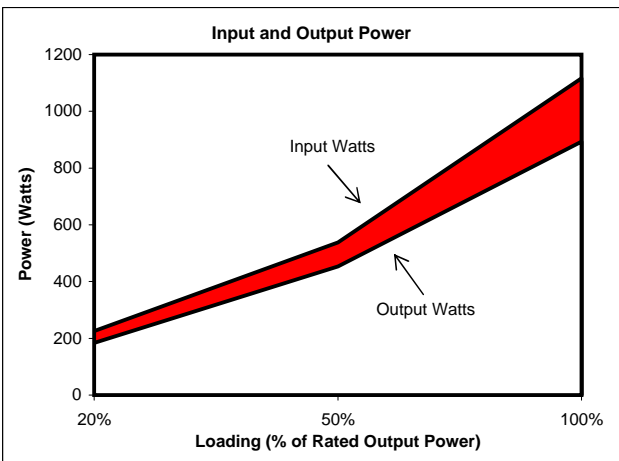


Input AC Current Waveform (ITHD = 13.79%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13	Amps
Input Frequency	50-60	Hz
Rated Output Power	900	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
2.02	0.97	23.1%	20%	Light	226	12.2/11.7	12.2/0.2	3.3/4.2	5.1/4.2	5.1/0.6	184	81.46%
4.73	0.99	13.8%	50%	Typical	538	12.1/29.3	12.3/0.5	3.2/10.5	5/10.5	4.9/1.4	453	84.21%
9.75	1.00	7.4%	100%	Full	1117	12/58.4	12.4/0.9	3.1/20.8	4.9/21	4.7/2.8	894	80.00%



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.