

80 PLUS Verification and Testing Report

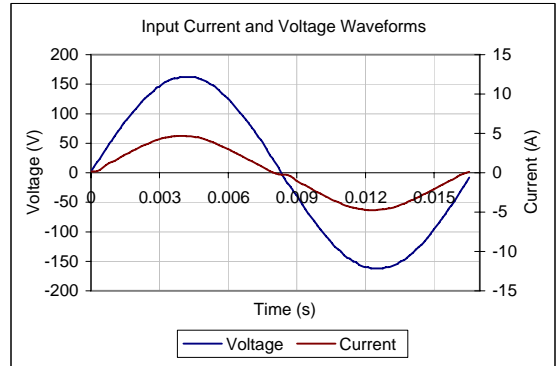


TYPICAL EFFICIENCY (50% Load):	84.29%
AVERAGE EFFICIENCY :	82.34%
80 PLUS COMPLIANT:	YES

Ecos ID #	327
Manufacturer	FSP
Model Number	FSP300-60GLS(80)
Serial Number	NA
Year	2007
Type	CUSTOM
Test Date	11/13/2007

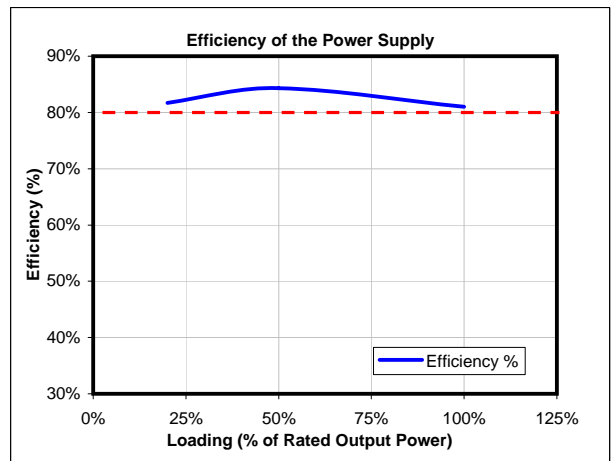
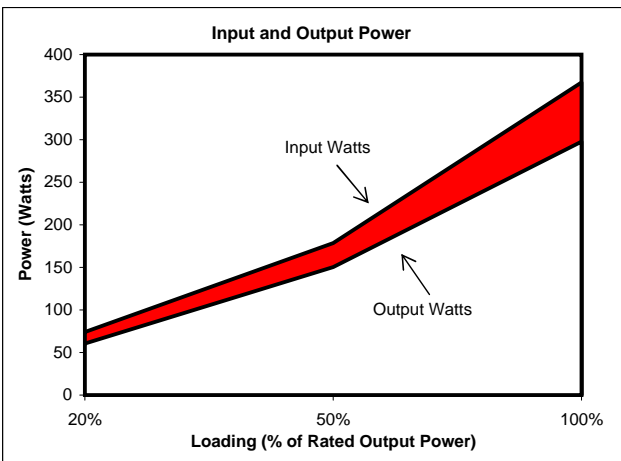
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	Watts

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



Input AC Current Waveform (ITHD = 13.1%, 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
0.66	0.98	20.0%	20%	Light	74	12.1/3.7	11.5/0.1	3.3/1.8	5.1/1.6	5.1/0.2	61	81.72%
1.57	0.99	13.1%	50%	Typical	179	12/9.2	11.6/0.1	3.3/4.6	5/4.1	5/0.6	151	84.29%
3.21	1.00	8.6%	100%	Full	367	11.9/18.3	11.6/0.3	3.2/9.1	5/8.2	4.9/1.1	298	81.01%



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/>

