

80 PLUS Verification and Testing Report

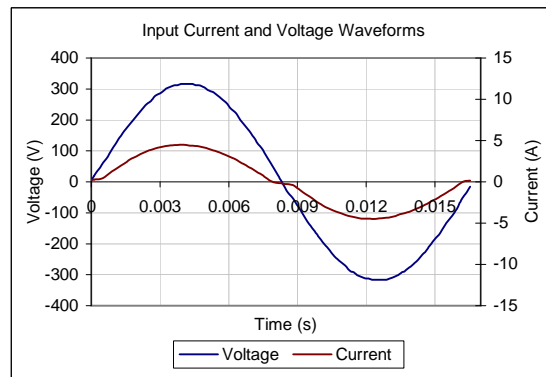
TYPICAL EFFICIENCY (50% Load):	84.92%
AVERAGE EFFICIENCY :	83.65%
80 PLUS COMPLIANT:	YES



Ecos ID #	212
Manufacturer	Jou Jye Electronics Co.
Model Number	JJ-SGP-400AUBA
Serial Number	NA
Year	2007
Type	ATX
Test Date	5/11/2007

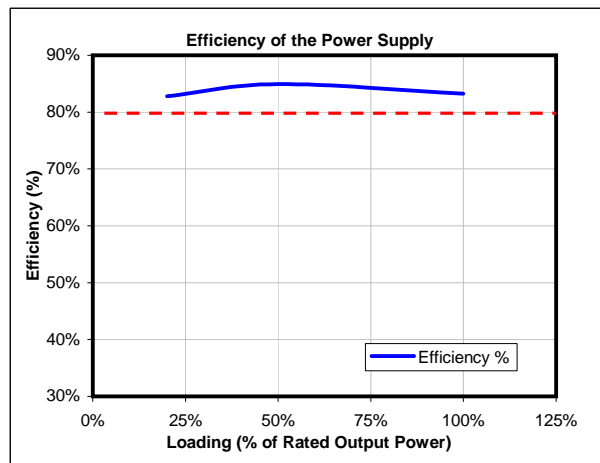
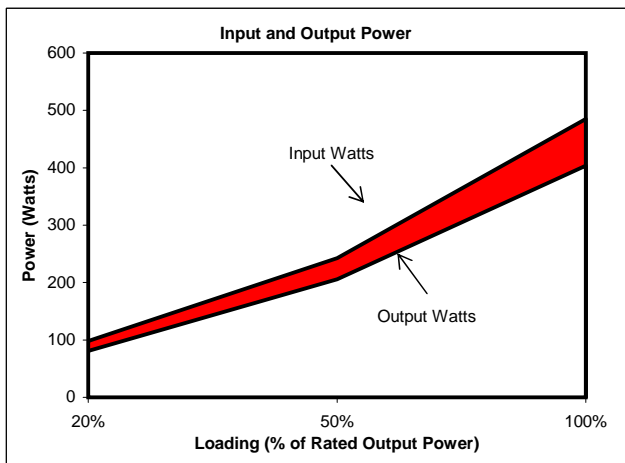
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	400	Watts

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



Input AC Current Waveform (ITHD = 8.19%, 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		
0.90	0.95	9.6%	20%	Light	98	12.2/4.7	12.1/0	3.4/3.3	5/2.3	5.1/0.1	81	82.82%
2.14	0.99	8.2%	50%	Typical	243	12.2/12.1	12.1/0	3.4/8.4	4.9/5.9	5.1/0.2	206	84.92%
4.27	0.99	3.8%	100%	Full	485	12.3/23.6	12.2/0	3.3/16.7	4.8/11.7	5.1/0.4	404	83.22%



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/>

