

80 PLUS Verification and Testing Report

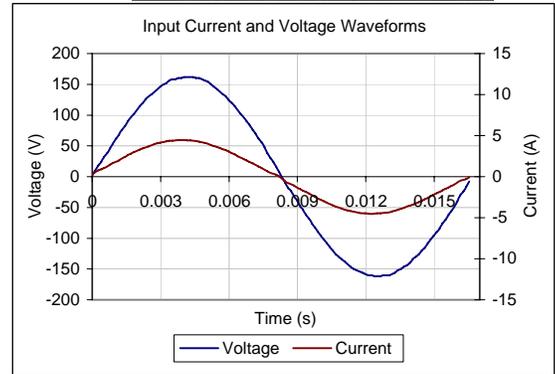


TYPICAL EFFICIENCY (50% Load):	84.79%
AVERAGE EFFICIENCY :	83.79%
80 PLUS COMPLIANT:	YES

Ecos ID #	210
Manufacturer	Jou Jye
Model Number	SGP-300AUBA
Serial Number	N/A
Year	2007
Type	ATX
Test Date	5/23/2007

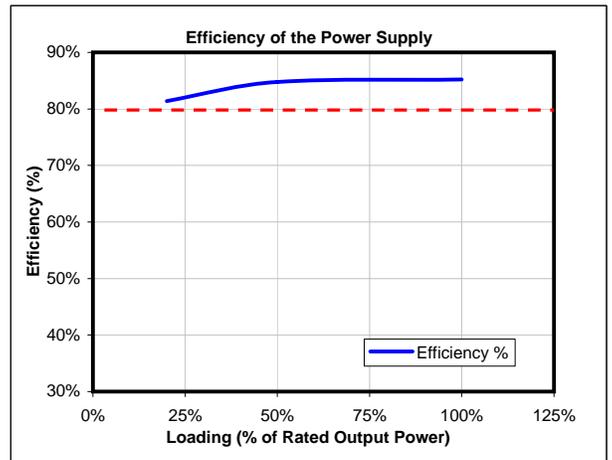
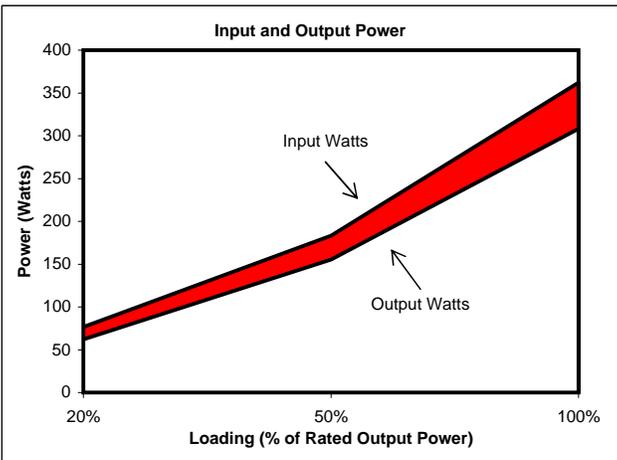
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6	Amps
Input Frequency	60/50	Hz
Rated Output Power	300	Watts

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



Input AC Current Waveform (ITHD = 4.66%, 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 (combined 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.70	0.94	10.4%	20%	Light	77	12.5/3.3	12.2/0	3.4/2.9	5.2/1.8	5.1/0.4	62	81.37%
1.62	0.98	4.7%	50%	Typical	183	12.5/8.1	12.1/0.1	3.4/7.2	5.2/4.5	5/1	155	84.79%
3.17	0.99	6.0%	100%	Full	362	12.5/16.2	12/0.2	3.3/14.3	5.1/9.1	5/1.9	308	85.20%



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.