

80 PLUS Verification and Testing Report

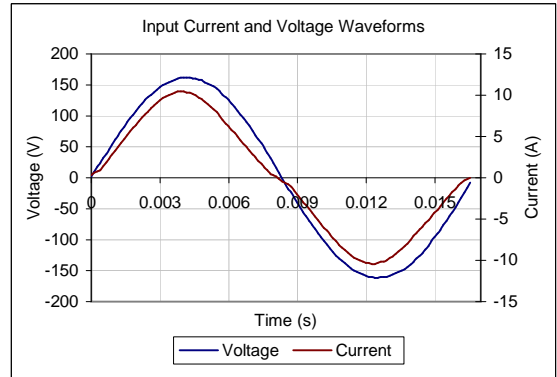


TYPICAL EFFICIENCY (50% Load):	86.43%
AVERAGE EFFICIENCY :	83.98%
80 PLUS COMPLIANT:	YES

Ecos ID #	214
Manufacturer	Jou Jye Electronic Co.
Model Number	JJ-SGE-650AUBA
Serial Number	NA
Year	2007
Type	ATX
Test Date	5/14/2007

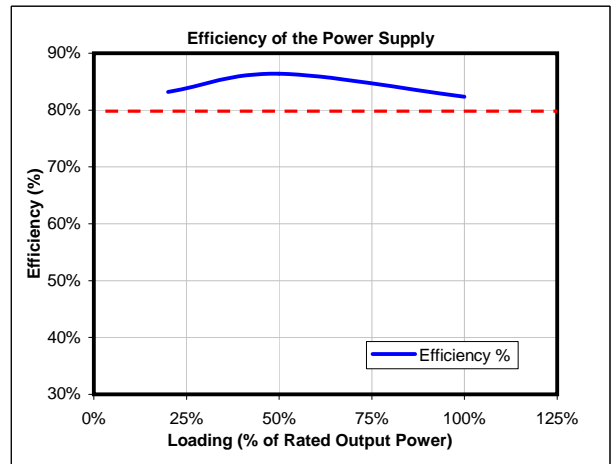
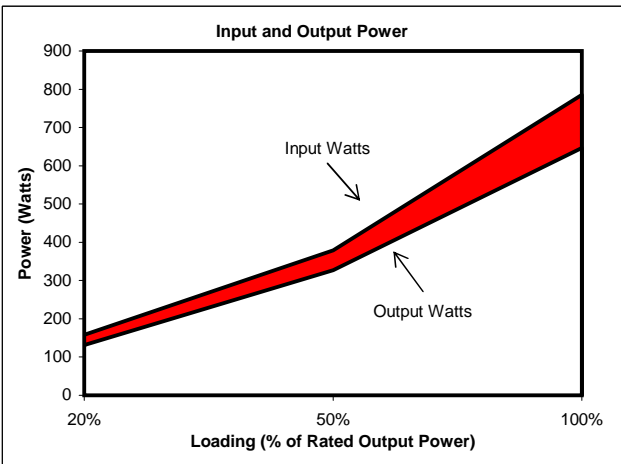
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	60-50	Hz
Rated Output Power	650	Watts

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



Input AC Current Waveform (ITHD = 12.96%, 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		
1.44	0.95	18.5%	20%	Light	158	12.1/8.8	12.1/0	3.4/2.5	5/3.1	5.1/0.1	131	83.18%
3.36	0.98	13.0%	50%	Typical	379	12.1/22.1	12.1/0	3.4/6.1	4.9/7.7	5.1/0.1	327	86.43%
6.92	0.90	10.5%	100%	Full	785	12/44.2	12/0.1	3.3/12.3	4.8/15.4	5.1/0.3	646	82.33%



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.