

80 PLUS Verification and Testing Report

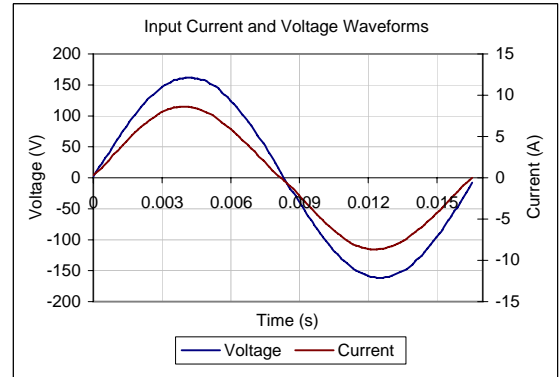


TYPICAL EFFICIENCY (50% Load):	84.76%
AVERAGE EFFICIENCY :	82.80%
80 PLUS COMPLIANT:	YES

Ecos ID #	262
Manufacturer	JouJye
Model Number	SGE_550AUBA
Serial Number	NA
Year	2007
Type	ATX12V
Test Date	6/14/2007

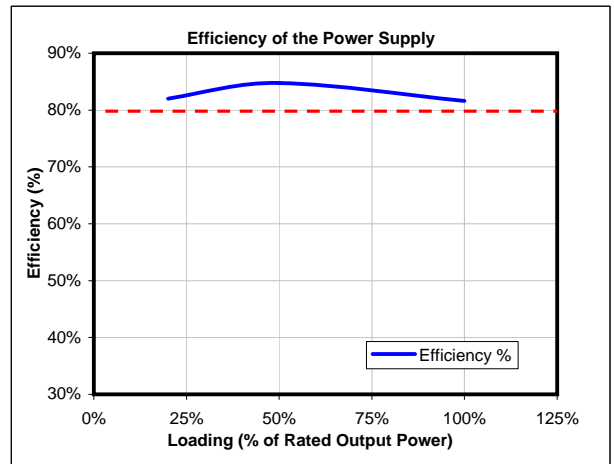
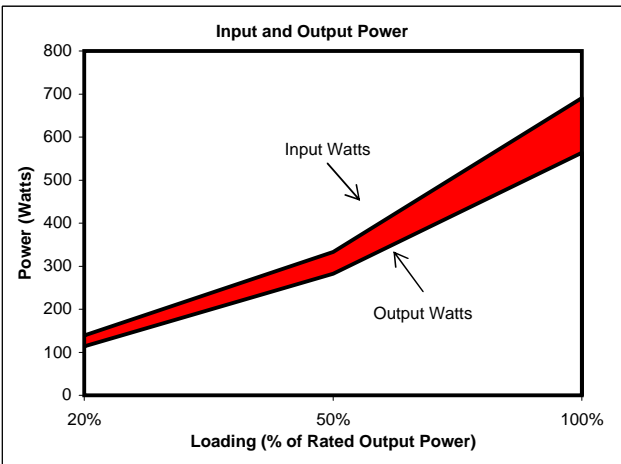
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (ITHD = 8.48%, 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		
1.26	0.96	14.6%	20%	Light	139	12.5/6.3	12.3/0.1	3.4/3.7	5.1/3.7	5.1/0.4	114	82.01%
2.93	0.99	8.5%	50%	Typical	333	12.5/15.9	12.3/0.1	3.3/9.3	5.1/9.3	5.1/1.1	282	84.76%
6.09	0.99	4.2%	100%	Full	691	12.5/31.7	12/0.4	3.3/18.5	5/18.6	5/2.1	564	81.63%



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.