

80 PLUS Verification and Testing Report

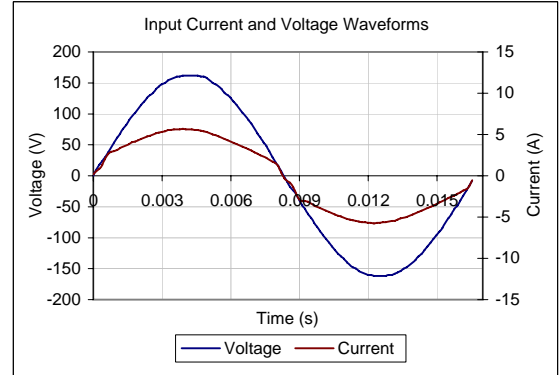


TYPICAL EFFICIENCY (50% Load):	85.93%
AVERAGE EFFICIENCY :	84.37%
80 PLUS COMPLIANT:	YES

Ecos ID #	261
Manufacturer	JouJye
Model Number	SGE_400AUUK
Serial Number	NA
Year	2007
Type	ATX12V (1U)
Test Date	6/14/2007

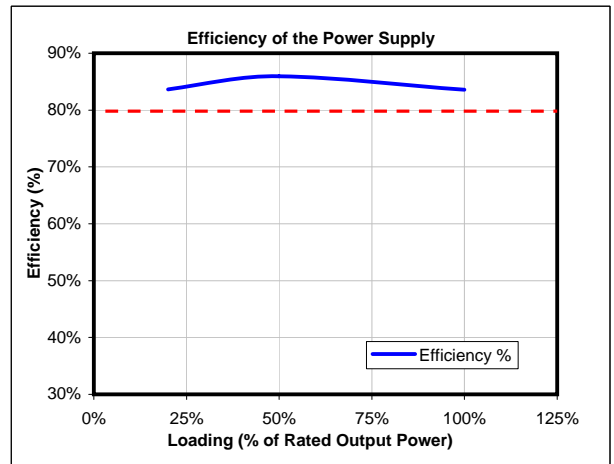
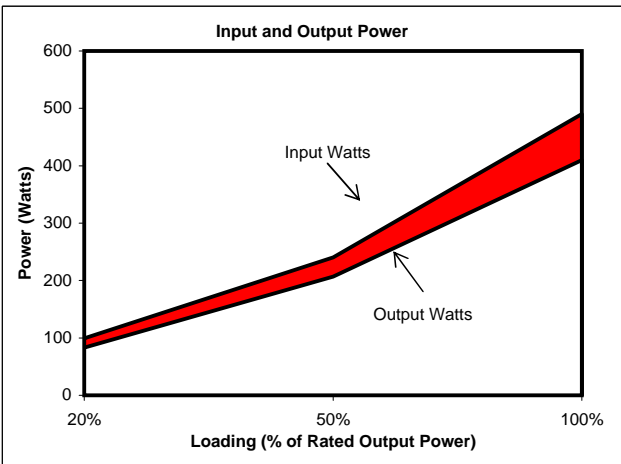
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	400	Watts

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



Input AC Current Waveform (ITHD = 3.18%, 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		
0.87	0.99	8.8%	20%	Light	99	12.4/5.3	12.5/0.1	3.4/2	5.1/1.5	5.1/0.3	83	83.63%
2.10	1.00	3.2%	50%	Typical	241	12.4/13.3	12.6/0.2	3.4/5	5.1/3.7	5/0.8	207	85.93%
4.29	0.99	9.5%	100%	Full	490	12.3/26.6	12.7/0.4	3.3/9.9	5.1/7.4	4.9/1.6	410	83.56%



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.