

80 PLUS Verification and Testing Report

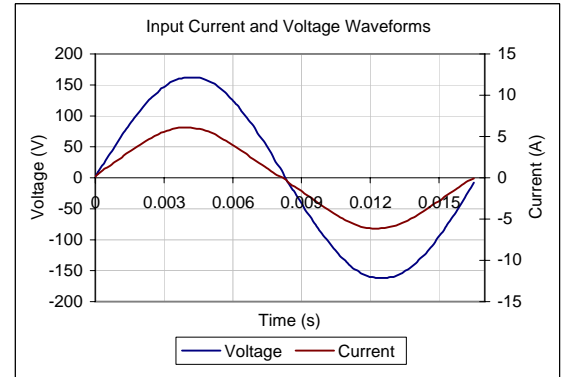


TYPICAL EFFICIENCY (50% Load):	84.86%
AVERAGE EFFICIENCY :	83.21%
80 PLUS COMPLIANT:	YES

Ecos ID #	398
Manufacturer	FSP
Model Number	FSP400-602UC
Serial Number	NA
Year	2007
Type	EPS2U
Test Date	10/12/2007

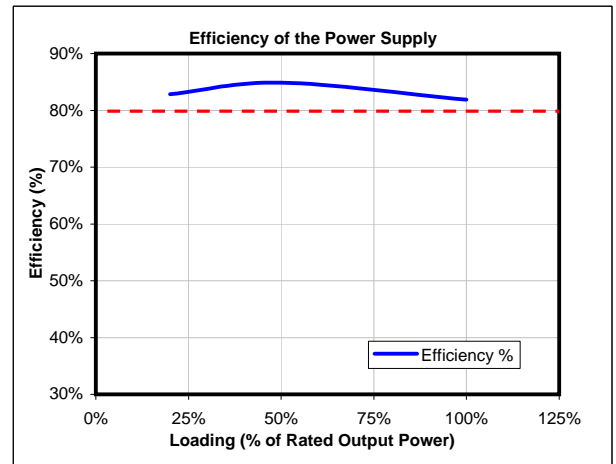
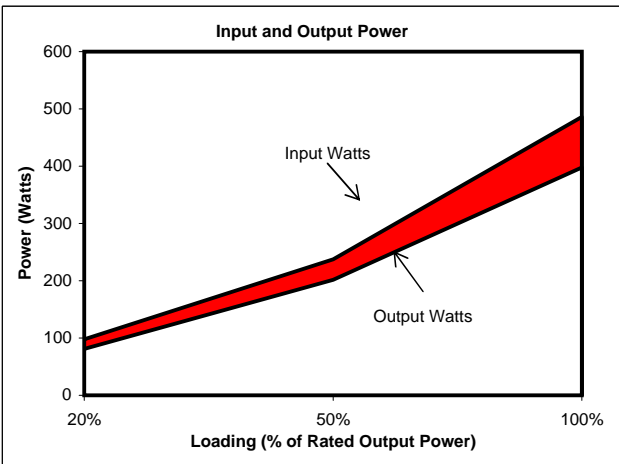
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6	Amps
Input Frequency	60-50	Hz
Rated Output Power	400	Watts

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



Input AC Current Waveform (ITHD = 5.7%, 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		
0.86	0.99	8.2%	20%	Light	98	12.2/4.6	11.5/0.1	3.3/2.6	5/2.6	5.1/0.4	81	82.87%
2.08	0.99	5.7%	50%	Typical	238	12.2/11.6	11.5/0.2	3.3/6.5	5/6.5	5/0.9	202	84.86%
4.24	1.00	5.3%	100%	Full	486	12.1/23.2	11.6/0.4	3.2/13	4.9/13.1	4.9/1.8	398	81.90%



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.