

80 PLUS Verification and Testing Report

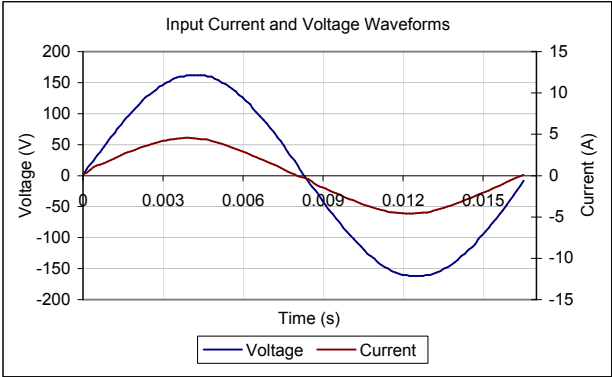
TYPICAL EFFICIENCY (50% Load):	84.67%
AVERAGE EFFICIENCY :	82.75%
80 PLUS COMPLIANT:	YES



Ecos ID #	524
Manufacturer	FSP
Model Number	FSP130-70LJ
Serial Number	S7431000138
Year	2008
Type	2U
Test Date	1/15/2008

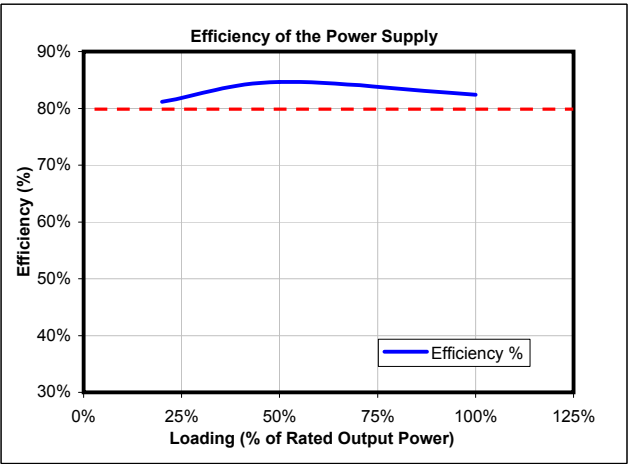
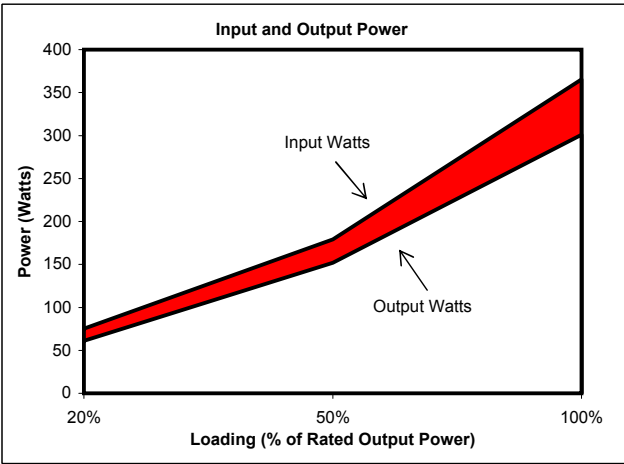
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8	Amps
Input Frequency	50-60	Hz
Rated Output Power	304.4	Watts

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



Input AC Current Waveform (ITHD = 5.5%, 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	-12V	3.3V	5V*	24.8V	5VSB		
0.67	0.98	7.5%	20%	Light	75	12.4/2.8	11.7/0	3.3/0.8	5.1/2	24.35/0.5	5.1/0.2	61	81.16%
1.57	0.99	5.5%	50%	Typical	179	12.3/7	11.7/0.1	3.3/2	5/5	24.28/1.2	5/0.5	152	84.67%
3.22	0.99	4.2%	100%	Full	365	12.2/14.1	11.9/0.2	3.2/4	4.9/10	24.28/2.5	4.9/1	301	82.41%



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.