

80 PLUS Verification and Testing Report

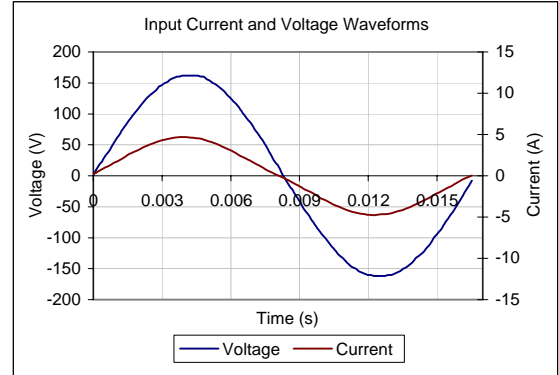


TYPICAL EFFICIENCY (50% Load):	84.16%
AVERAGE EFFICIENCY :	82.20%
80 PLUS COMPLIANT:	YES

Ecos ID #	348
Manufacturer	FSP
Model Number	FSP300-701UH
Serial Number	NA
Year	2007
Type	EPS1U
Test Date	8/20/2007

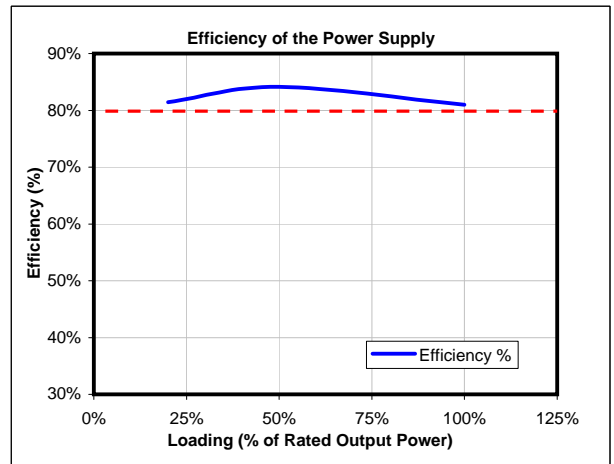
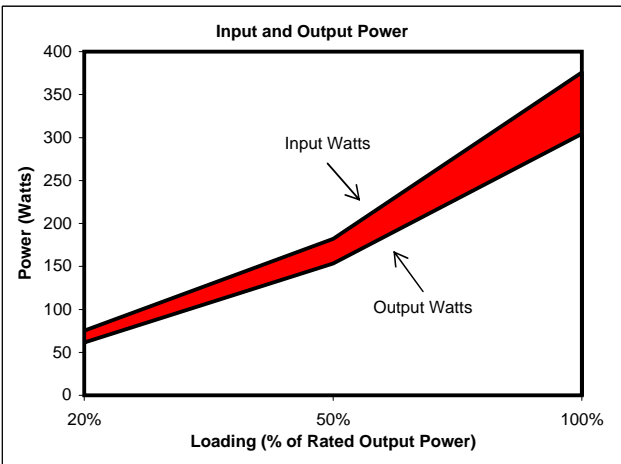
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	Watts

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



Input AC Current Waveform (ITHD = 6.09%, 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		
0.67	0.98	7.4%	20%	Light	75	12.4/3.1	12.2/0.1	3.3/2.1	5/2.4	5.1/0.4	61	81.44%
1.59	0.99	6.1%	50%	Typical	182	12.4/7.9	12.2/0.3	3.3/5.3	5/5.9	5/1	153	84.16%
3.28	1.00	1.0%	100%	Full	376	12.4/15.7	12.4/0.6	3.3/10.5	4.9/11.9	4.9/2	304	80.99%



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.