

80 PLUS Verification and Testing Report

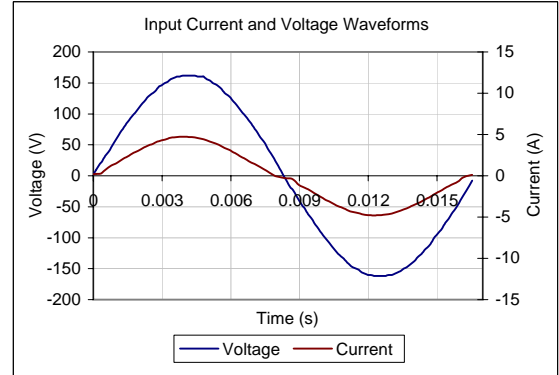


TYPICAL EFFICIENCY (50% Load):	83.36%
AVERAGE EFFICIENCY :	81.51%
80 PLUS COMPLIANT:	YES

Ecos ID #	328
Manufacturer	FSP
Model Number	FSP300-60GLN(80)
Serial Number	NA
Year	2007
Type	ATX12V
Test Date	8/29/2007

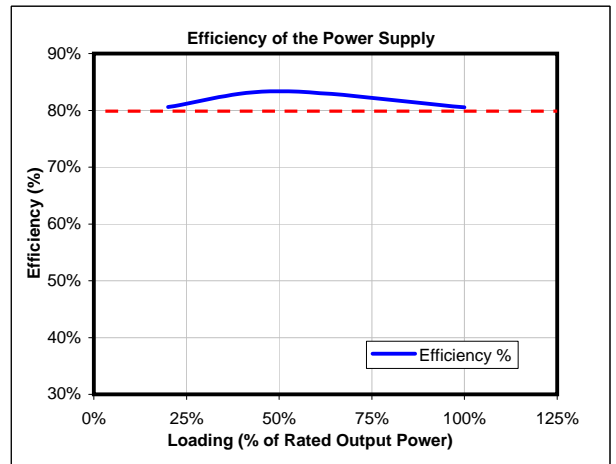
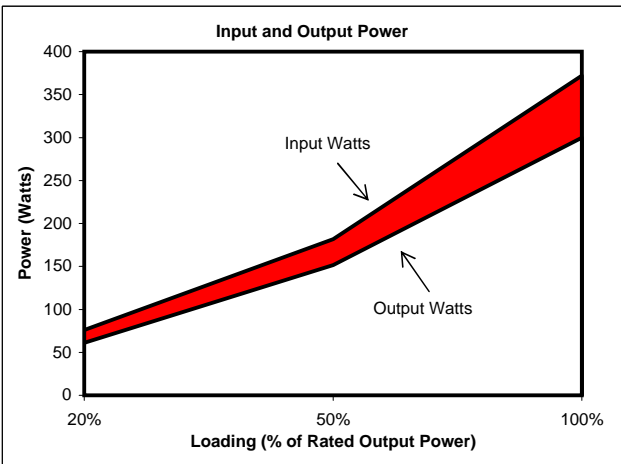
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	Watts

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



Input AC Current Waveform (ITHD = 13.34%, 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		
0.68	0.98	18.8%	20%	Light	76	12.3/3.7	11.7/0.1	3.3/1.7	5.1/1.7	5/0.3	61	80.60%
1.60	0.99	13.3%	50%	Typical	182	12.2/9.2	11.7/0.1	3.2/4.1	5/4.1	5/0.7	152	83.36%
3.25	1.00	8.4%	100%	Full	372	12/18.4	11.7/0.3	3.2/8.3	5/8.3	4.9/1.4	300	80.56%



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.