

80 PLUS Verification and Testing Report

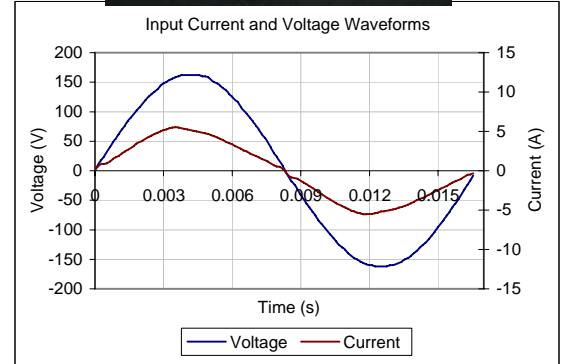


TYPICAL EFFICIENCY (50% Load): 85.67%
AVERAGE EFFICIENCY : 83.80%
80 PLUS COMPLIANT: YES

Ecos ID #	941
Manufacturer	FSP
Model Number	FSP350-60EPN(80)
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	9/26/2008

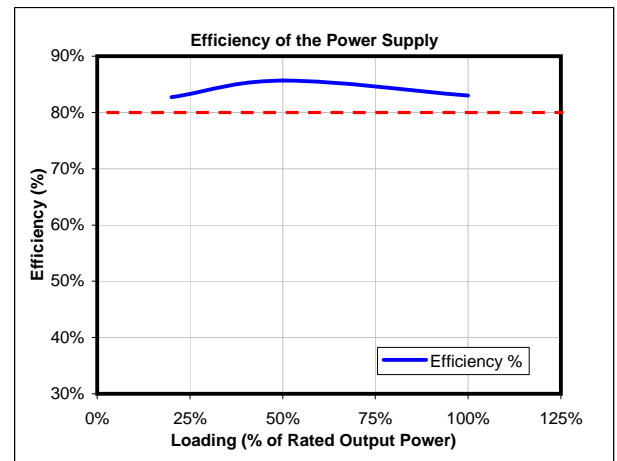
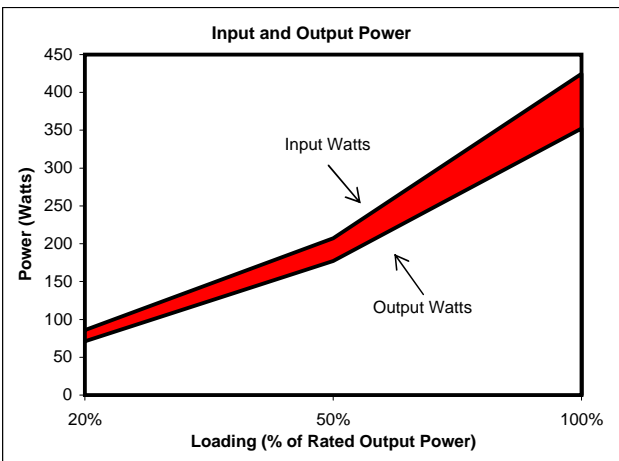
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5-2.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	350	Watts

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



Input AC Current Waveform (ITHD = 11.24%, 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
0.75	0.99	10.7%	20%	Light	86	12.1/4.2	12/0	3.4/2.5	5/1.8	5/0.4	71	82.75%
1.82	0.99	11.2%	50%	Typical	207	12.2/10.5	12/0.1	3.4/6.2	5/4.5	5/1	177	85.67%
3.71	1.00	6.9%	100%	Full	425	12.1/20.9	12.1/0.2	3.3/12.5	5/8.9	5/2.1	352	82.99%



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.