

80 PLUS Verification and Testing Report

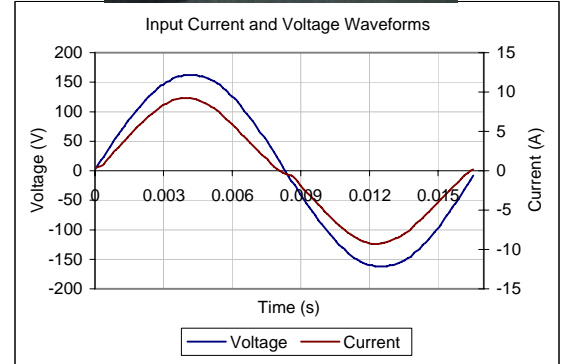


TYPICAL EFFICIENCY (50% Load): 86.05%
AVERAGE EFFICIENCY : 84.40%
80 PLUS COMPLIANT: YES

Ecos ID #	1077
Manufacturer	FSP
Model Number	FSP600-80GCM(85)
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	10/22/2008

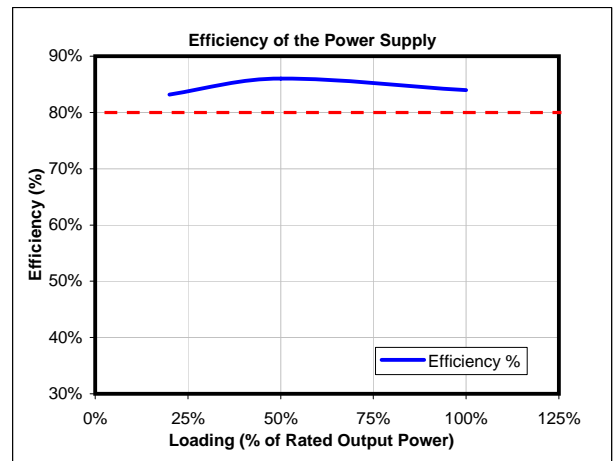
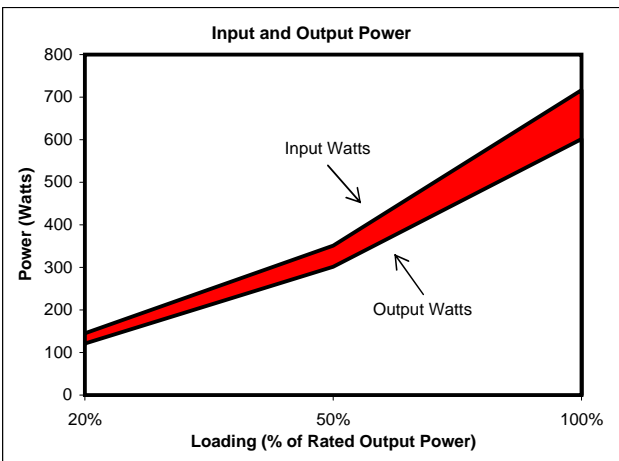
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9.5-4.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 15.06%, 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
1.30	0.97	24.3%	20%	Light	145	12/7.2	12/0.2	3.4/3.4	5.2/3.4	5.1/0.6	121	83.19%
3.09	0.99	15.1%	50%	Typical	351	12/18.2	12/0.4	3.4/8.4	5.1/8.4	5/1.5	302	86.05%
6.26	1.00	8.6%	100%	Full	716	12/36.3	12/0.8	3.3/16.8	5/16.8	4.9/3.1	601	83.97%



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.

