

# 80 PLUS Verification and Testing Report

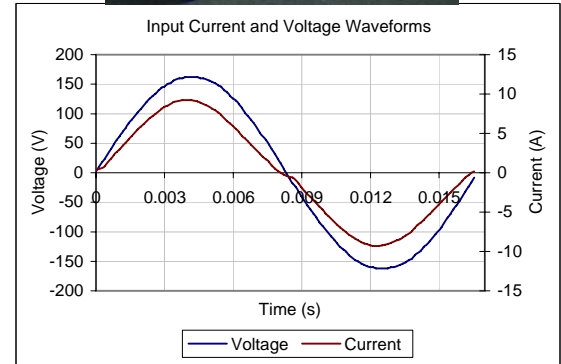
**TYPICAL EFFICIENCY (50% Load):** 86.05%  
**AVERAGE EFFICIENCY :** 84.40%  
**80 PLUS COMPLIANT:** YES



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

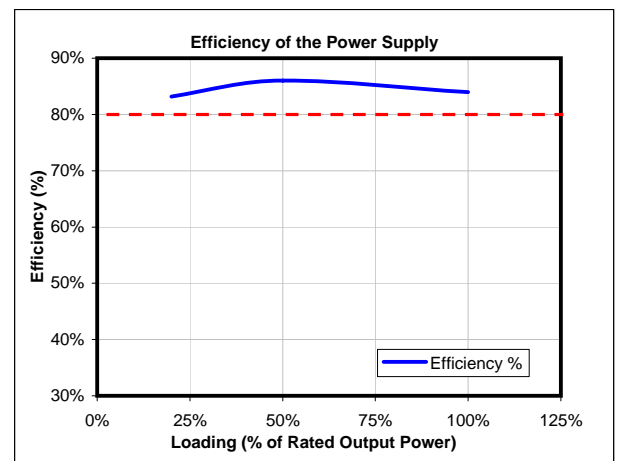
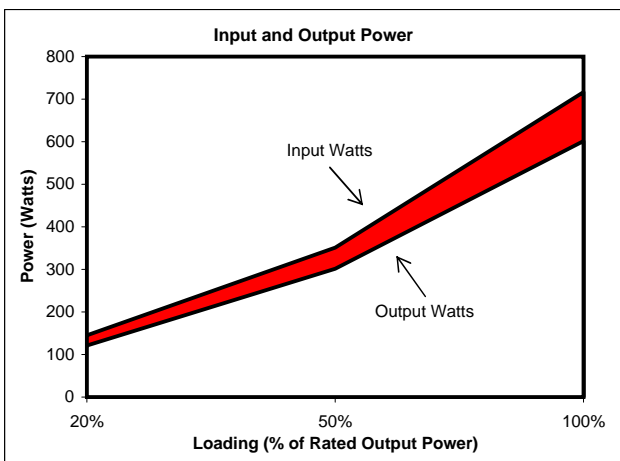
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9.5-4.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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 <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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 by a third party independent testing firm on behalf of the 80 PLUS® Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>

