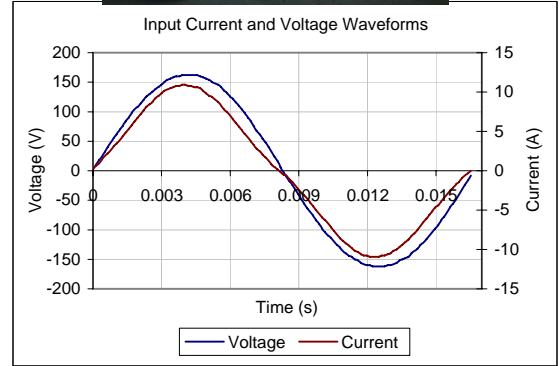


# 80 PLUS Verification and Testing Report



**TYPICAL EFFICIENCY (50% Load):** 86.22%  
**AVERAGE EFFICIENCY :** 84.46%  
**80 PLUS COMPLIANT:** YES

<b>Ecos ID #</b>	1078
<b>Manufacturer</b>	FSP
<b>Model Number</b>	FSP700-80GCM(85)
<b>Serial Number</b>	NA
<b>Year</b>	2008
<b>Type</b>	ATX12V
<b>Test Date</b>	10/22/2008

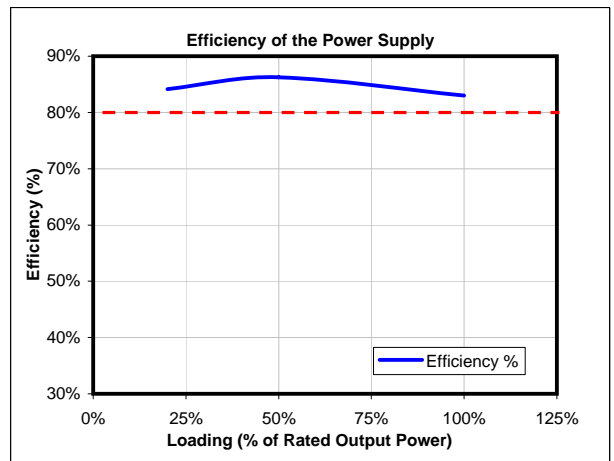
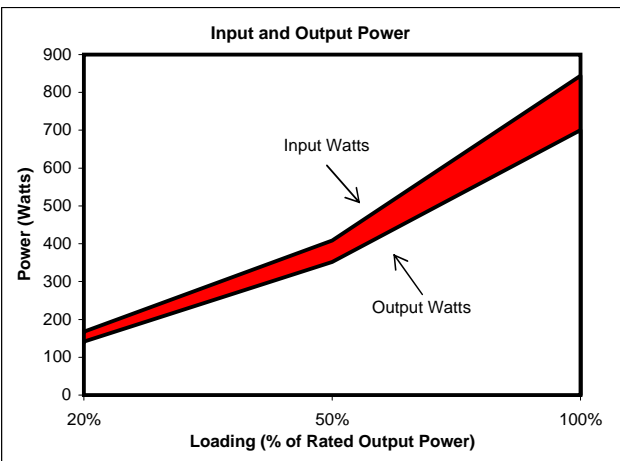


Input AC Current Waveform (ITHD = 14.19%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	11-5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>700</b>	<b>Watts</b>

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

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
1.50	0.97	23.3%	20%	Light	168	12/8.9	12/0.2	3.4/3.4	5.2/3.4	5.1/0.6	141	84.17%
3.60	0.99	14.2%	50%	Typical	409	12/22.4	12/0.4	3.4/8.4	5.1/8.4	5/1.5	352	86.22%
7.37	1.00	8.6%	100%	Full	844	12/44.7	11.9/0.8	3.3/16.8	5/16.8	4.9/3.1	700	83.00%



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.