

80 PLUS Verification and Testing Report

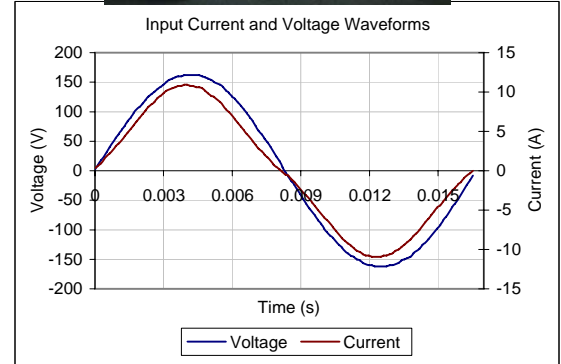


TYPICAL EFFICIENCY (50% Load): 86.22%
AVERAGE EFFICIENCY : 84.46%
80 PLUS COMPLIANT: YES

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

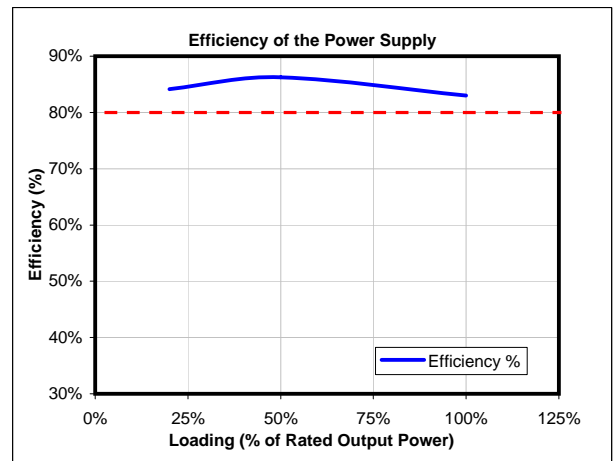
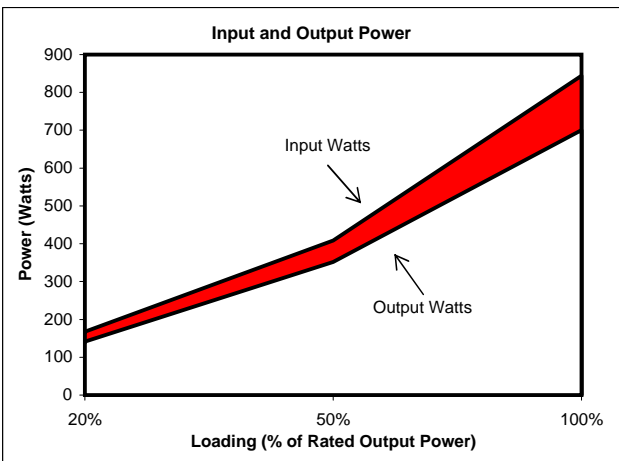
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	11-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	700	Watts

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



Input AC Current Waveform (ITHD = 14.19%, 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
1.50	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.