

80 PLUS Verification and Testing Report

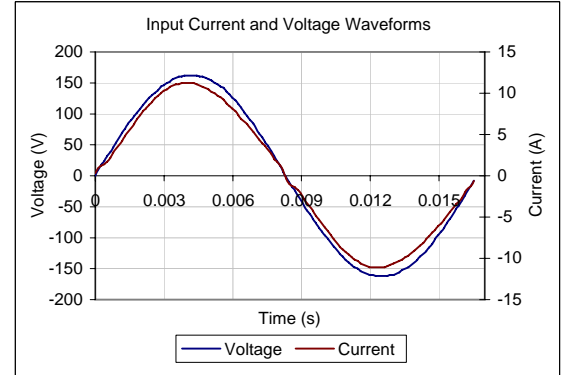


TYPICAL EFFICIENCY (50% Load):	84.63%
AVERAGE EFFICIENCY :	82.78%
80 PLUS COMPLIANT:	YES

Ecos ID #	319
Manufacturer	SUPER-FLOWER
Model Number	SF-750P14HE
Serial Number	NA
Year	2007
Type	ATX
Test Date	8/2/2007

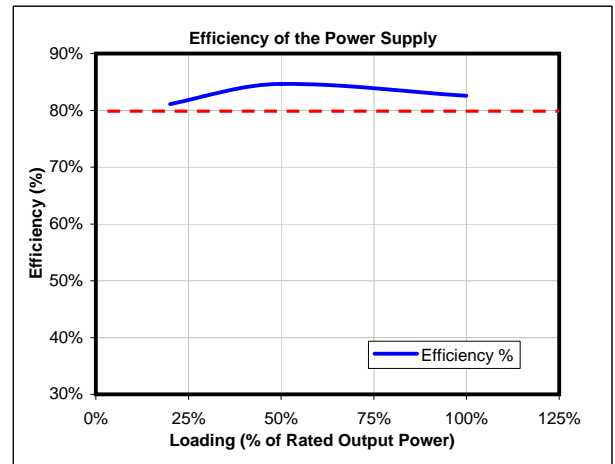
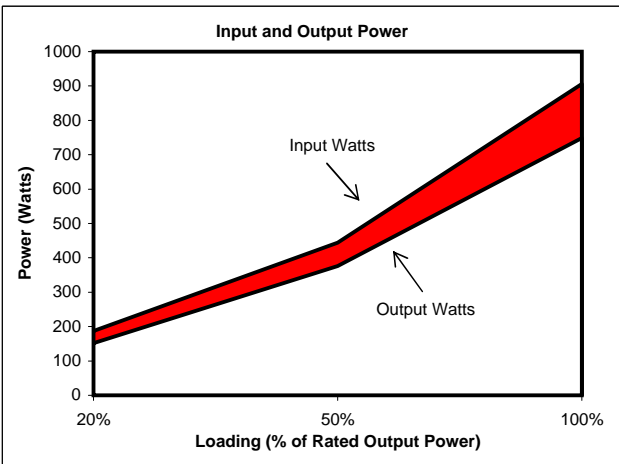
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 3.57%, 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		
1.64	0.99	4.6%	20%	Light	187	12.1/9.9	11.9/0.1	3.3/2.9	5.1/3.6	5/0.5	152	81.12%
3.87	1.00	3.6%	50%	Typical	444	12.1/24.8	11.8/0.2	3.2/7.3	4.9/9.1	5/1.2	376	84.63%
7.89	1.00	3.7%	100%	Full	906	12/49.5	11.9/0.4	3.2/14.6	5/18.3	5/2.5	748	82.58%



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/>

