

80 PLUS Verification and Testing Report

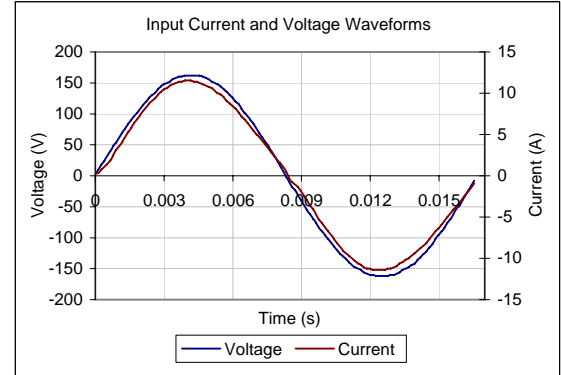


TYPICAL EFFICIENCY (50% Load):	84.39%
AVERAGE EFFICIENCY :	82.44%
80 PLUS COMPLIANT:	YES

Ecos ID #	321
Manufacturer	SILENCER
Model Number	750-QUAD
Serial Number	4770682173
Year	2007
Type	ATX
Test Date	8/3/2007

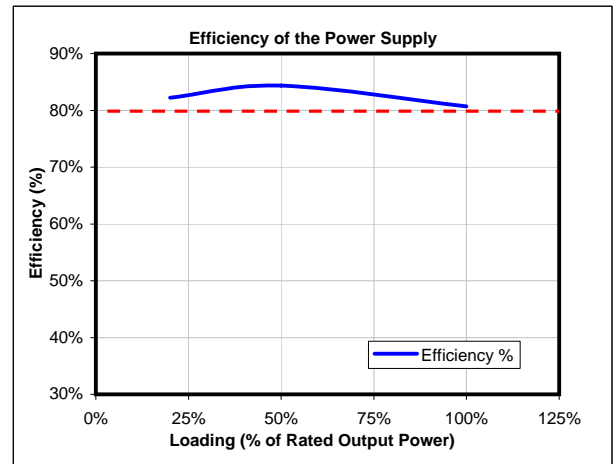
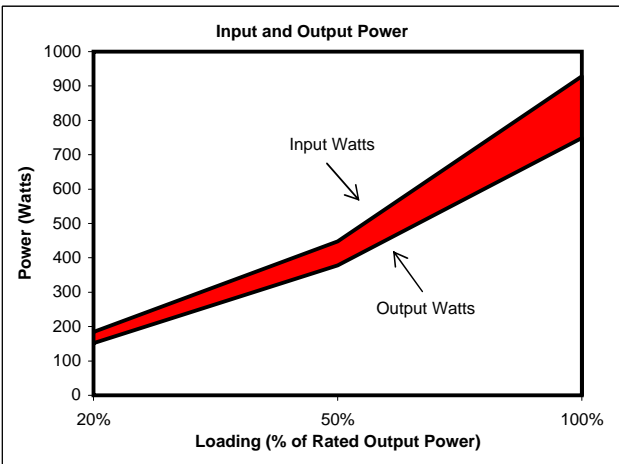
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 4.69%, 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		
1.61	1.00	5.9%	20%	Light	185	12.2/9.9	12.2/0.1	3.4/2.9	5/3.6	5/0.5	152	82.24%
3.90	1.00	4.7%	50%	Typical	448	12.1/24.7	12.2/0.3	3.3/7.3	4.9/9.1	5/1.2	378	84.39%
8.08	1.00	4.1%	100%	Full	928	12/49.3	12.2/0.7	3.3/14.6	4.8/18.2	4.9/2.5	749	80.69%



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.