

80 PLUS Verification and Testing Report

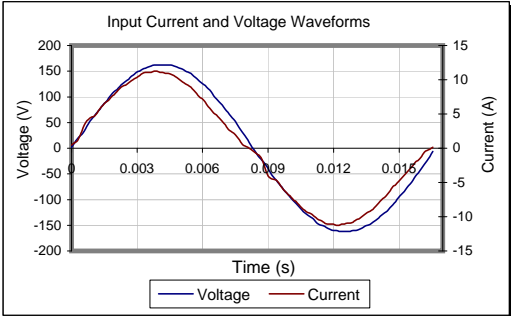
TYPICAL EFFICIENCY (50% Load):	86.98%
AVERAGE EFFICIENCY :	85.21%
80 PLUS COMPLIANT:	YES



Ecos ID #	828.2
Manufacturer	CHANNEL WELL TECHNOLOGY
Model Number	PSHII 750V
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	7/11/2008

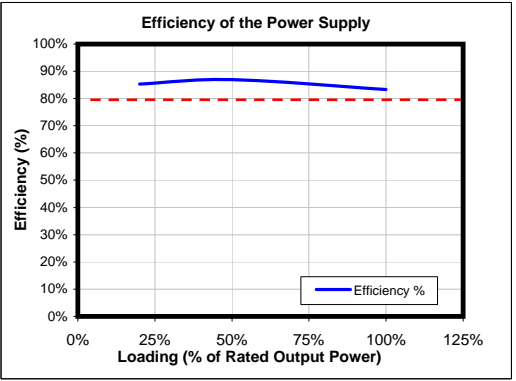
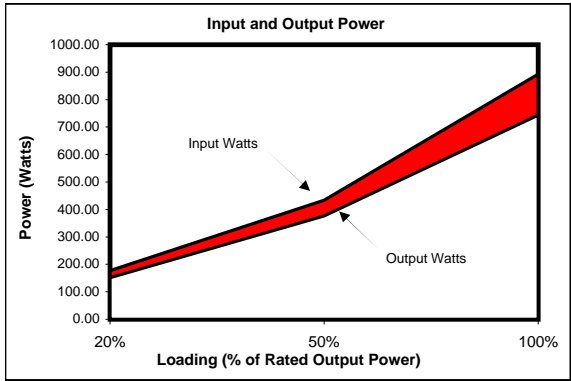
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	47-63	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (THD = 7.42%, 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.)						
1.65	0.94	14.95%	20%	Light	177.72	12.1/10.2	12.1/0.1	3.3/3.2	5.1/2.9	5.1/0.4	151.65	85.33%
3.83	0.98	7.42%	50%	Typical	433.10	12/25.4	12.2/0.3	3.3/7.9	5.1/7.4	5/1.1	376.73	86.98%
7.80	0.99	4.90%	100%	Full	892.80	11.9/50.6	12.4/0.6	3.2/15.8	5/14.7	4.9/2.1	743.77	83.31%



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/>

