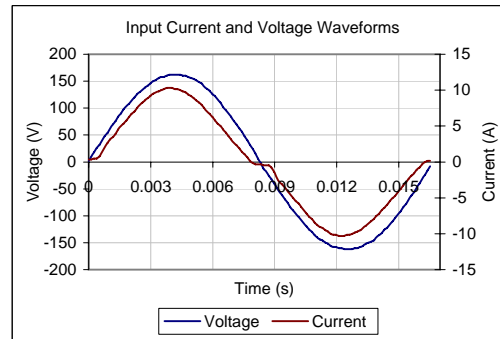


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	88.26%
AVERAGE EFFICIENCY :	86.89%
80 PLUS COMPLIANT:	YES

Ecos ID #	1195
Manufacturer	SEASONIC
Model Number	M12D-750
Serial Number	N/A
Year	2009
Type	ATX12V
Test Date	1/15/2009

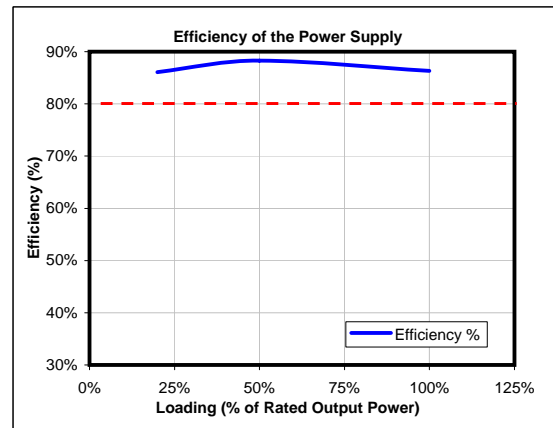
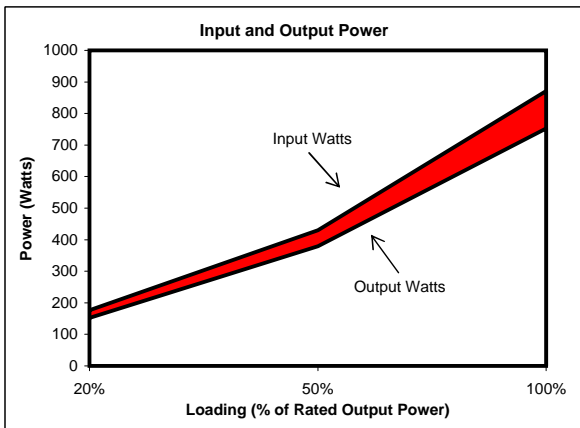


Input AC Current Waveform (ITHD = 17.55%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	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.

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		
1.60	0.96	26.0%	20%	Light	177	12.1/10.2	12/0.1	3.4/2.6	5.1/3.2	5/0.5	152	86.10%
3.81	0.98	17.6%	50%	Typical	430	12.1/25.4	11.9/0.3	3.4/6.4	5.1/8	5/1.2	379	88.26%
7.64	0.99	11.5%	100%	Full	872	12/50.7	11.9/0.6	3.3/12.8	5/16	4.9/2.5	752	86.30%



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/>

