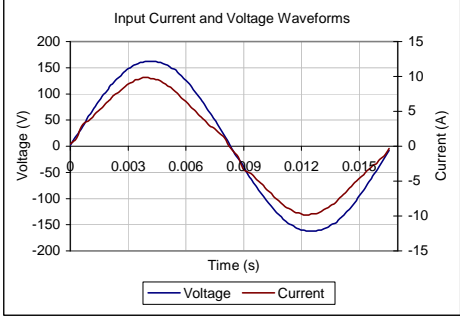


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	85.90%
AVERAGE EFFICIENCY :	84.07%
80 PLUS COMPLIANT:	YES



Ecos ID #	1529.1
Manufacturer	AMACROX
Model Number	AX650-85PLUS
Serial Number	N/A
Year	2009
Type	ATX12V & EPS12V
Test Date	7/14/2009

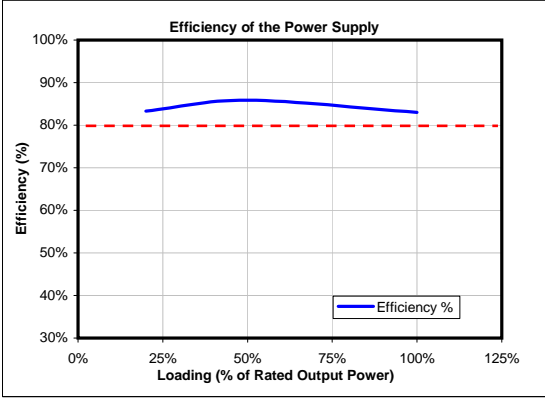
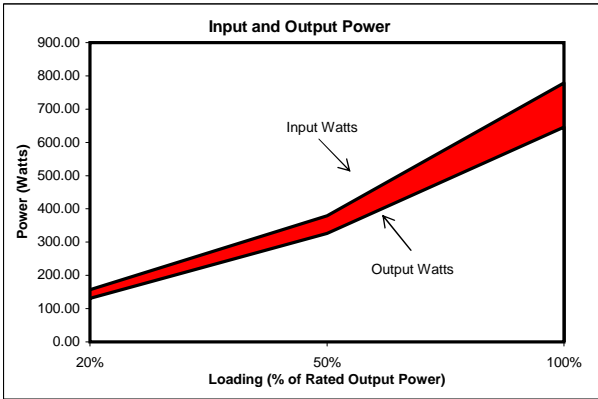


Input AC Current Waveform (ITHD = 11.48%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	650	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		
1.41	0.9685	22.83%	20%	Light	156.99	12/8.7	12/0.1	3.4/2.7	5.2/2.7	5.1/0.5	130.79	83.31%
3.33	0.9903	11.48%	50%	Typical	379.50	12/21.7	12/0.3	3.4/6.7	5.1/6.7	5/1.2	325.98	85.90%
6.78	0.9979	4.98%	100%	Full	778.70	11.9/43.3	12/0.6	3.4/13.4	5.1/13.4	4.9/2.4	646.29	83.00%



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/>

