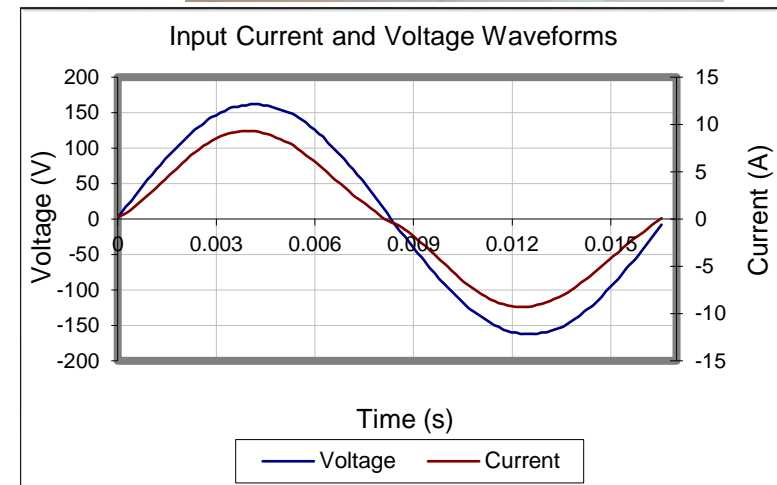


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	85.93%
AVERAGE EFFICIENCY :	84.52%
80 PLUS COMPLIANT:	YES



Ecos ID #	1891.3
Manufacturer	Cynic
Model Number	AZ-600
Serial Number	CO12AB0420500
Year	2010
Type	ATX12V
Test Date	1/27/2010

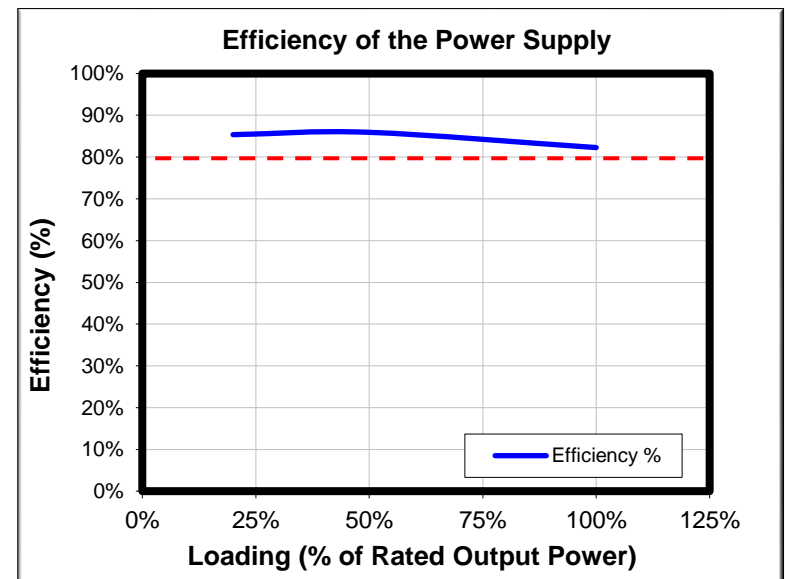
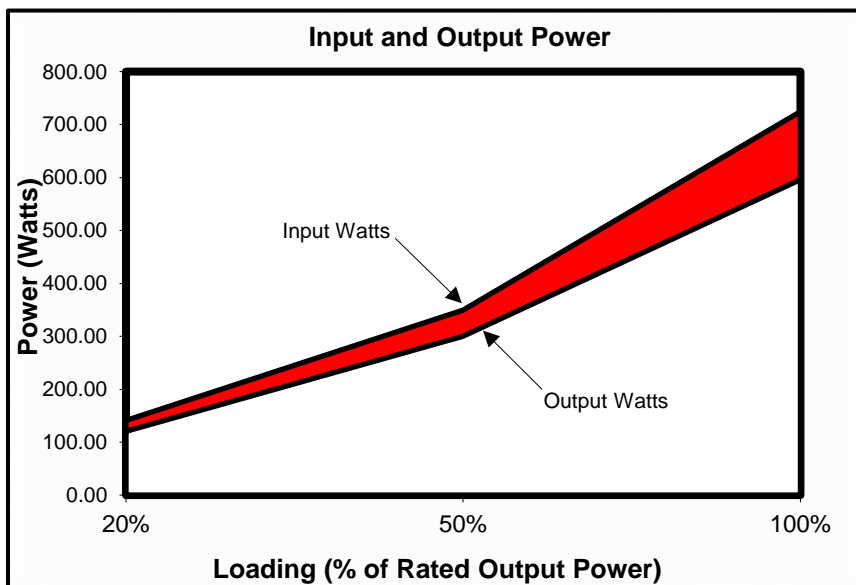


Input AC Current Waveform (ITHD = 8.99%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9-4.5	Amps
Input Frequency	50/60	Hz
Rated Output Power	600	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		
1.24	0.9924	5.04%	20%	Light	141.03	12/7.9	11.6/0.1	3.4/2.7	5/2.7	5/0.4	120.39	85.37%
3.05	0.9943	8.99%	50%	Typical	349.00	12/19.7	11.7/0.3	3.4/6.7	4.9/6.6	5/1.1	299.89	85.93%
6.33	0.9955	8.30%	100%	Full	724.40	12/39.3	11.9/0.7	3.2/13.3	4.8/13.3	4.9/2.1	596.01	82.28%



These tests were conducted as a part 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 computing technology applications.



Tested by Electric Power Research Institute, Knoxville, TN.