

80 PLUS Verification and Testing Report

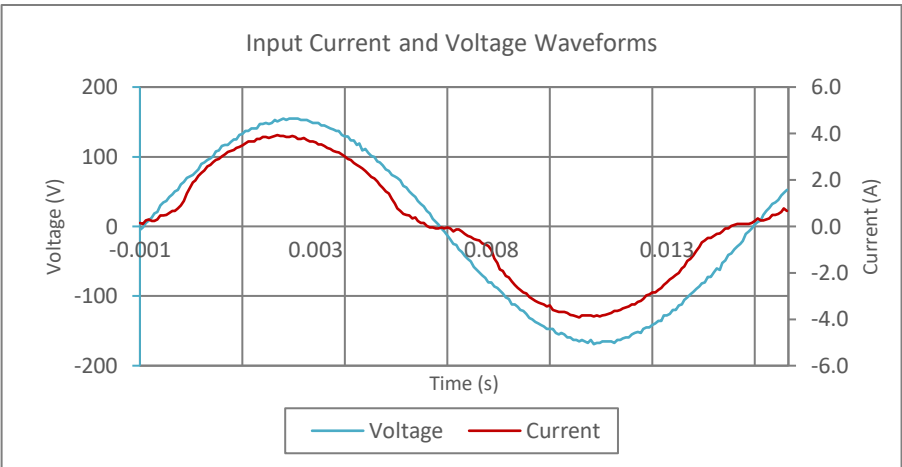
TYPICAL EFFICIENCY (50% Load):	87.28%
AVERAGE EFFICIENCY :	85.70%
80 PLUS COMPLIANT:	YES



ID Number	5603
Manufacturer	Xingsun Electron&Technology Co., LTD
Model Number	ATX-500WB
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	7/19/19

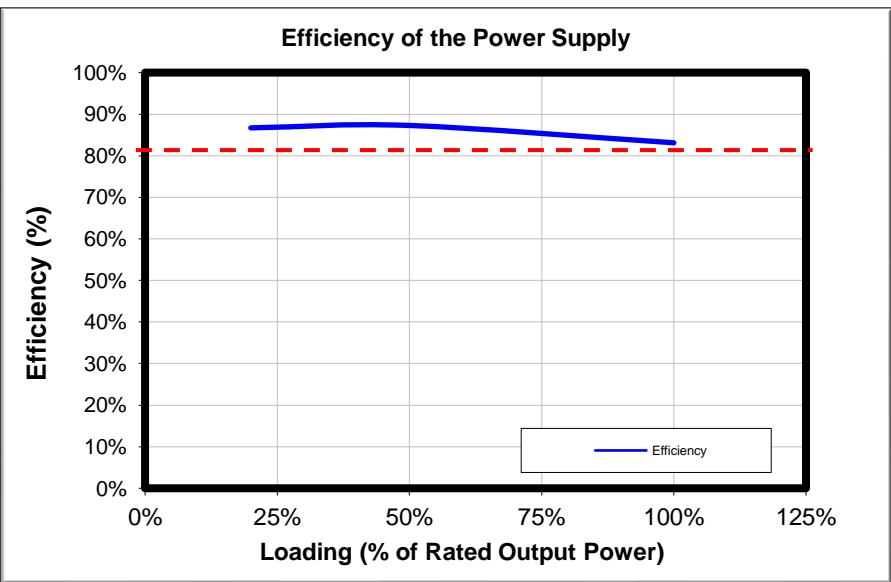
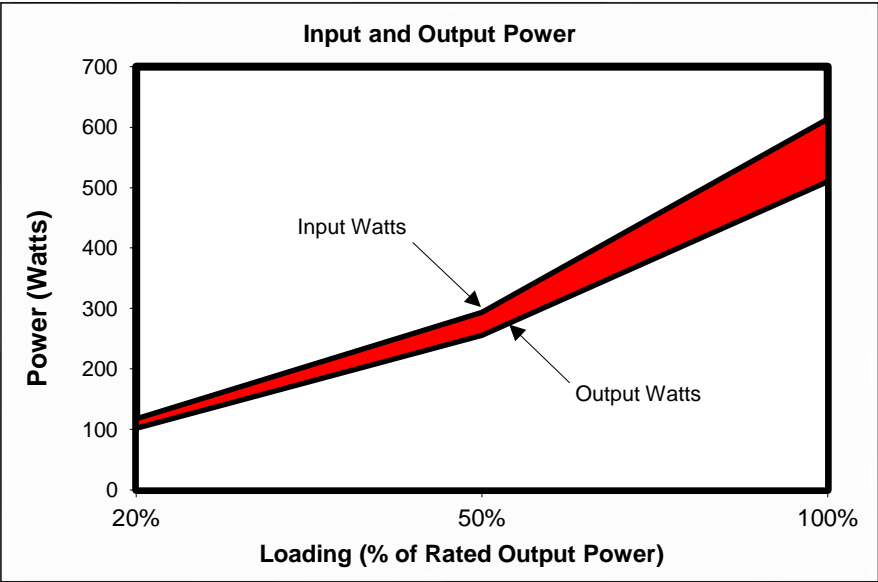
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5-10	Amps
Input Frequency	47-63	Hz
Rated Output Power	500	Watts

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



Input AC Current Waveform (ITHD = 14.93%, 50% Load)

I _{RMS}	PF	I _{THD}	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		
0.59	0.91	35.96%	10%	62.02	12.26/3.35	11.32/0.03	3.4/1	5.08/1	5.19/0.25	51.14	82.45%
1.04	0.99	6.20%	20%	117.98	12.27/6.7	11.34/0.05	3.4/2	5.06/2	5.18/0.5	102.29	86.70%
2.59	0.99	14.93%	50%	293.40	12.26/16.81	11.35/0.13	3.38/5.01	5.03/4.98	5.16/1.25	256.07	87.28%
5.38	0.99	11.25%	100%	613.50	12.24/33.59	11.43/0.25	3.36/10.04	4.98/9.93	5.11/2.51	509.93	83.12%



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/>

