80 PLUS Verification and Testing Report

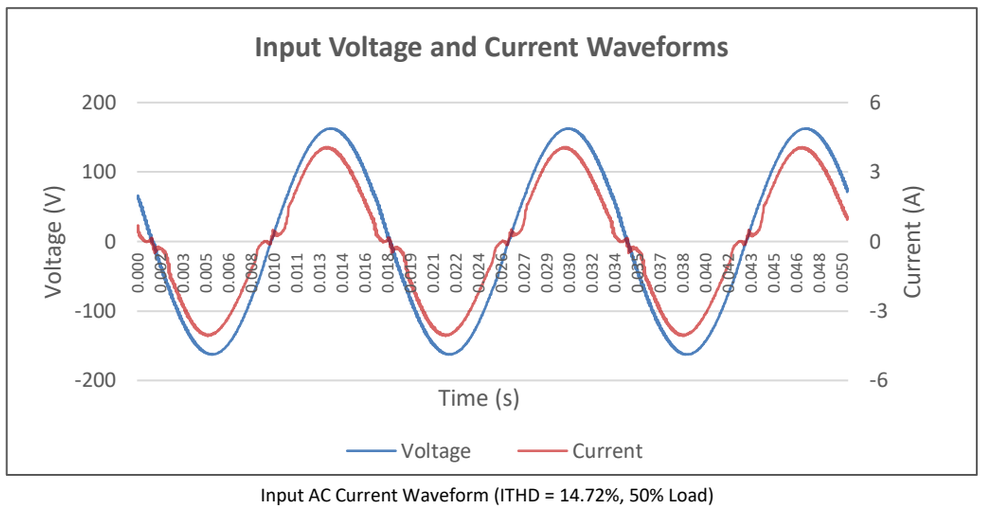
TYPICAL EFFICIENCY (50% Load):	**86.03%**
AVERAGE EFFICIENCY :	**79.03%**
80 PLUS COMPLIANT:	**Bronze**



ID Number	7302
Manufacturer	DONGGUAN XINTONGYE ELECTRONIC TECHNOLOGY CO., LTD
Model Number	ATX-500W
Serial Number	N/A
Type	ATX12V
Test Date	2/13/24

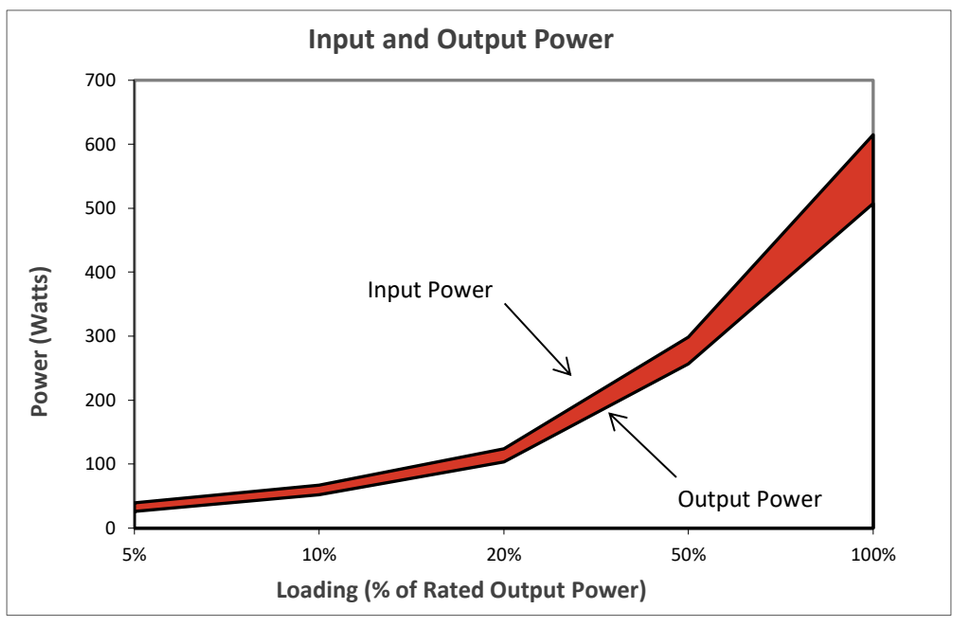
Rated Specifications	Value	Units
Input Voltage	110-265	**Volts**
Input Current	5/4	**Amps**
Input Frequency	60-50	**Hz**
Rated Output Power	500	**Watts**

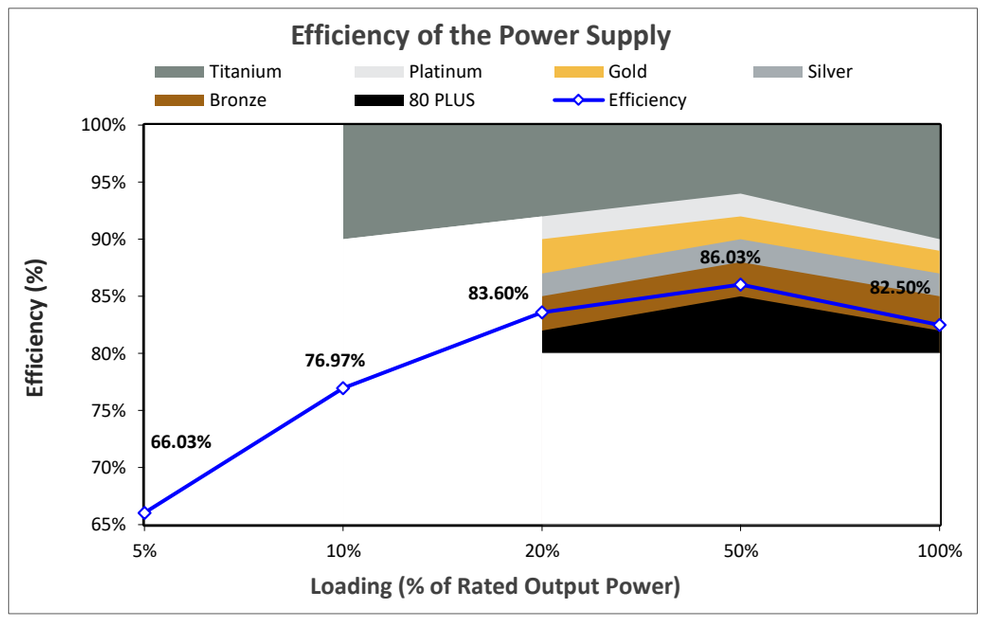
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 14.72%, 50% Load)

$I_{RMS\ (A)}$	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	5Vstb		
0.163	0.5050	65.88	0%	**9.45**	**No-Load**						
0.377	**0.9079**	34.61	5%	**39.35**	12.46/1.72	12.71/0.024	3.42/0.4	5.23/0.45	5.16/0.096	**25.99**	**66.03%**
0.601	**0.9747**	16.13	10%	**67.45**	12.45/3.45	12.63/0.048	3.41/0.8	5.21/0.9	5.13/0.192	**51.91**	**76.97%**
1.101	**0.9785**	17.48	20%	**123.89**	12.44/6.89	12.57/0.096	3.39/1.6	5.18/1.8	5.09/0.385	**103.57**	**83.60%**
2.632	**0.9862**	14.72	50%	**298.64**	12.37/17.23	12.63/0.24	3.33/3.99	5.08/4.49	4.84/0.962	**256.93**	**86.03%**
5.392	**0.9921**	11.03	100%	**614.93**	12.26/34.45	12.9/0.481	3.23/7.99	4.9/8.99	4.64/1.923	**507.34**	**82.50%**





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/*