

80 PLUS Verification and Testing Report

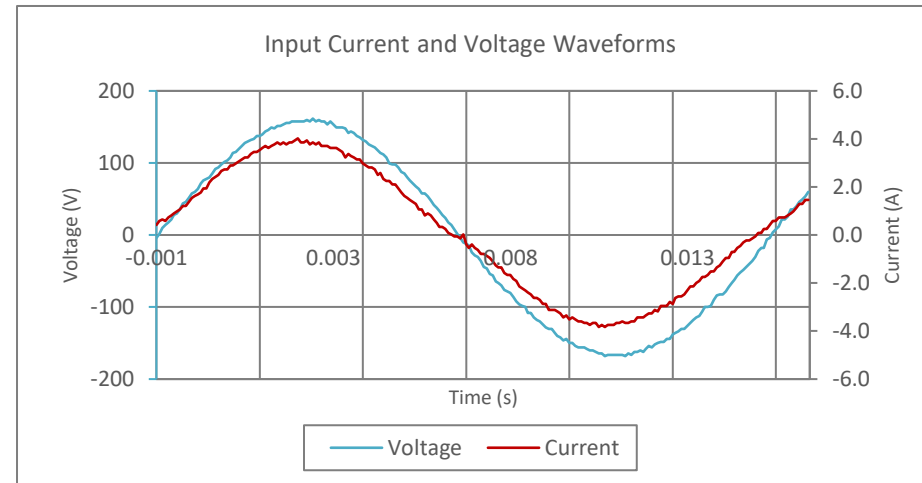
TYPICAL EFFICIENCY (50% Load):	86.27%
AVERAGE EFFICIENCY :	84.55%
80 PLUS COMPLIANT:	YES



ID Number	6629
Manufacturer	Yuhui
Model Number	CTX-500-T
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	8/19/21

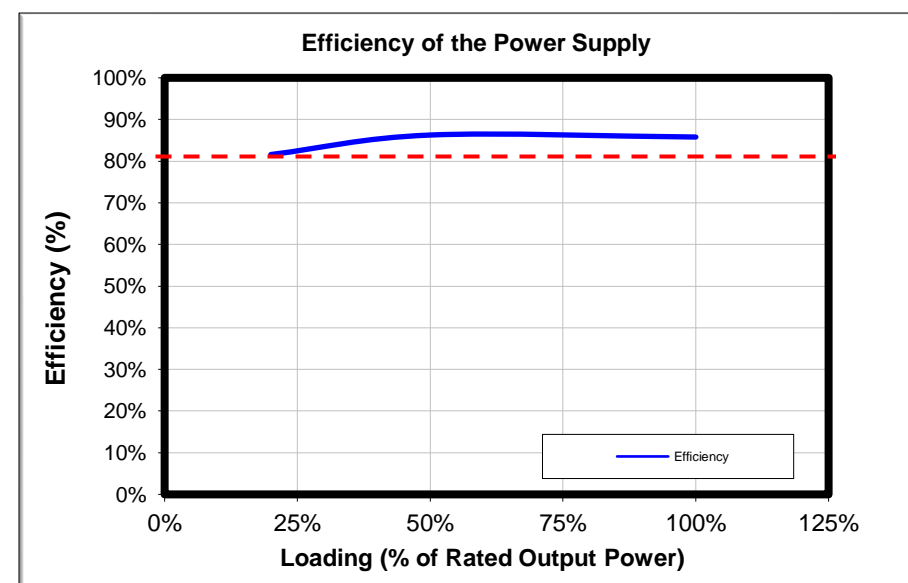
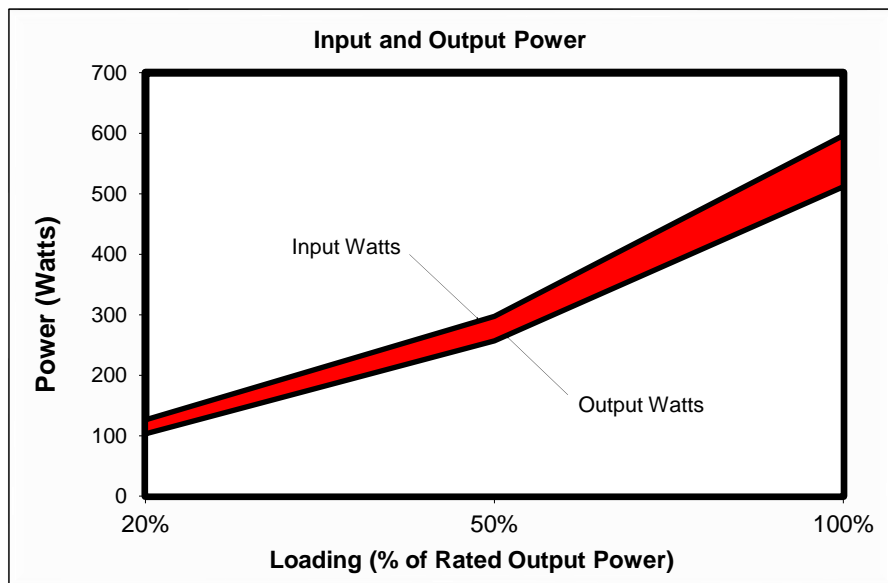
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5	Amps
Input Frequency	63-47	Hz
Rated Output Power	500	Watts

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



Input AC Current Waveform (ITHD = 5.68%, 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		
0.64	0.97	13.60%	10%	70.69	12.31/3.37	12.57/0.03	3.41/1.01	5.07/1.01	5.11/0.21	51.48	72.82%
1.11	0.99	5.99%	20%	125.78	12.31/6.72	12.59/0.05	3.4/2.02	5.06/2.01	5.1/0.42	102.63	81.59%
2.60	1.00	5.68%	50%	297.30	12.31/16.85	12.64/0.13	3.36/5.04	5.02/5.01	5.06/1.05	256.47	86.27%
5.20	1.00	5.97%	100%	596.10	12.31/33.69	12.68/0.25	3.29/10.12	4.96/10.01	4.99/2.1	511.38	85.79%



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/>