

80 PLUS Verification and Testing Report

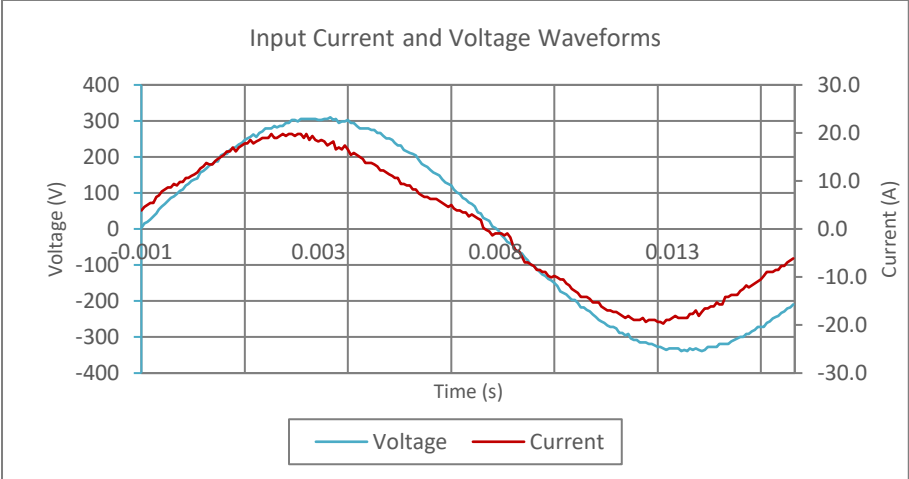
TYPICAL EFFICIENCY (50% Load):	86.59%
AVERAGE EFFICIENCY :	84.75%
80 PLUS COMPLIANT:	YES



ID Number	EU-468
Manufacturer	FSP Technology Inc.
Model Number	ATX500-55HYN
Serial Number	WZ8461000897
Year	2019
Type	ATX12V
Test Date	1/21/19

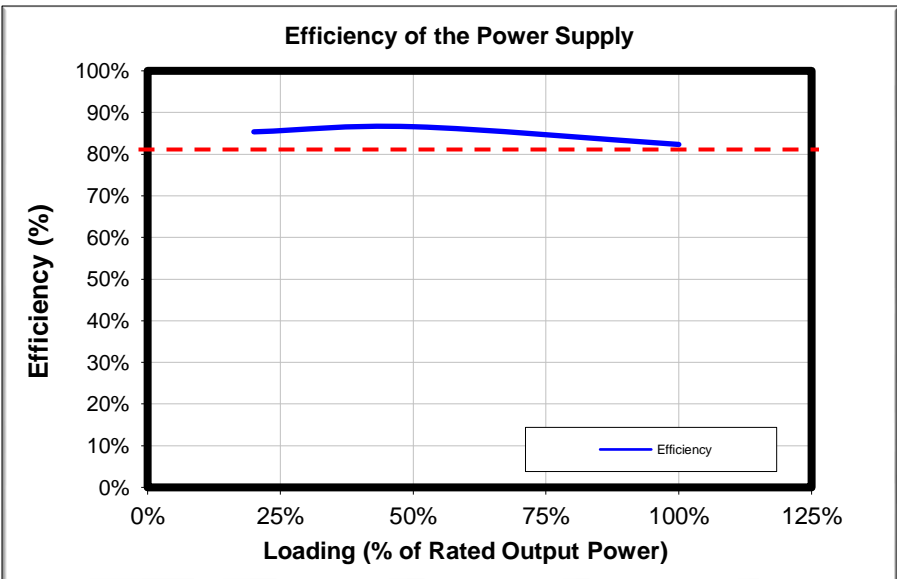
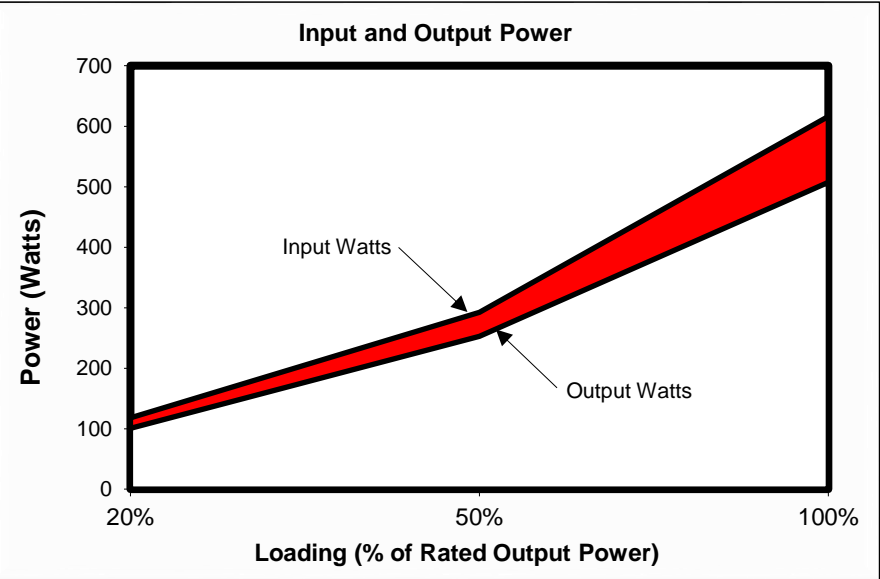
Rated Specifications	Value	Units
Input Voltage	220	Volts
Input Current	5	Amps
Input Frequency	50	Hz
Rated Output Power	500	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 8.29%, 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		
0.42	0.64	53.28%	10%	62.10	12/3.34	11.77/0.03	3.39/1.04	5.09/1.04	5.08/0.21	50.33	81.04%
0.55	0.93	19.91%	20%	118.00	12.03/6.69	11.83/0.05	3.38/2.07	5.08/2.06	5.06/0.42	100.72	85.35%
1.29	0.98	8.29%	50%	291.80	12.08/16.77	12.01/0.13	3.35/5.18	5.06/5.14	4.99/1.04	252.66	86.59%
2.73	0.98	12.64%	100%	616.10	12.18/33.52	12.39/0.25	3.3/10.37	5.01/10.26	4.86/2.09	507.19	82.32%



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/>

