

80 PLUS Verification and Testing Report

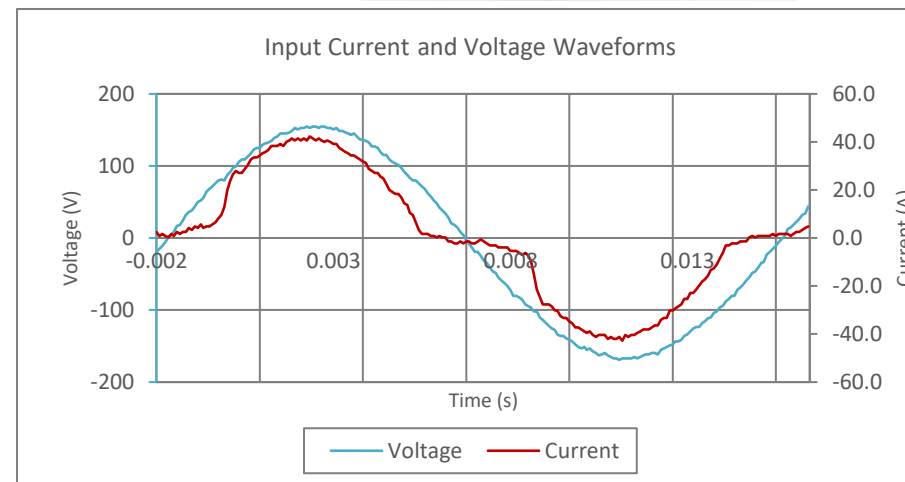
TYPICAL EFFICIENCY (50% Load):	86.11%
AVERAGE EFFICIENCY :	84.52%
80 PLUS COMPLIANT:	YES



ID Number	5935
Manufacturer	UNYKA TECHNOLOGY (H.K.) Ltd.
Model Number	52500
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	4/9/20

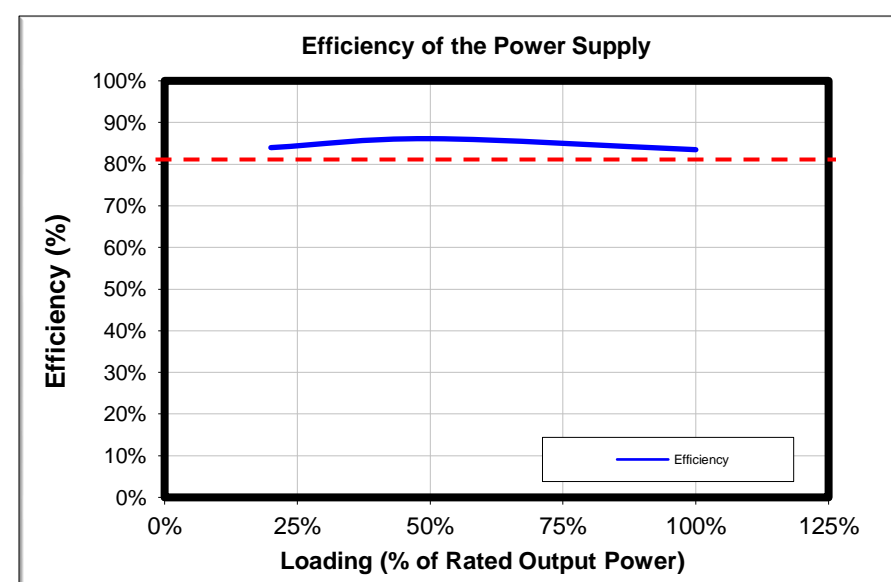
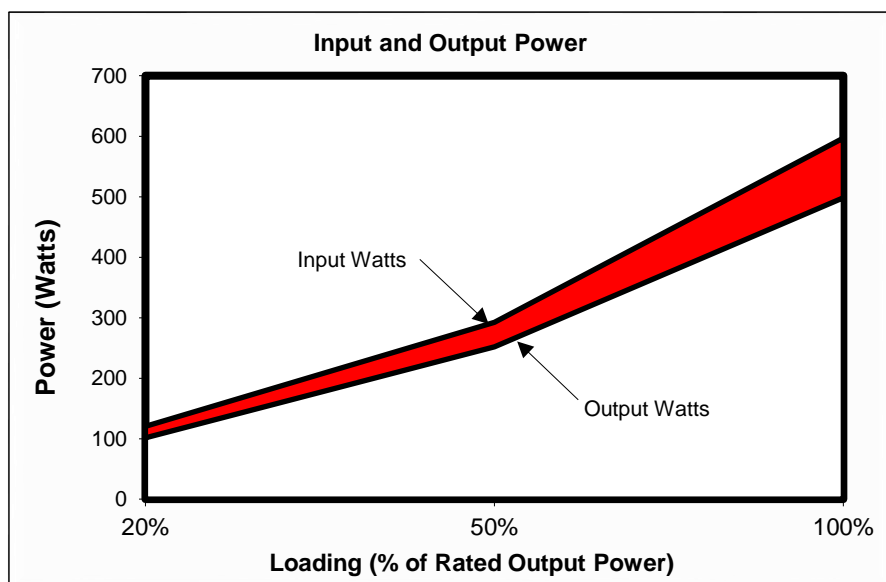
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8	Amps
Input Frequency	50-60	Hz
Rated Output Power	500	Watts

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



Input AC Current Waveform (ITHD = 25.07%, 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		
0.57	0.99	61.00%	10%	64.73	12.07/3.38	11.77/0.02	3.4/0.98	5.08/0.98	5.17/0.2	50.37	77.82%
1.11	0.94	31.65%	20%	120.33	12.05/6.78	11.77/0.05	3.39/1.96	5.07/1.95	5.16/0.41	101.04	83.97%
2.63	0.97	25.07%	50%	292.00	12/16.98	11.83/0.12	3.37/4.9	5.04/4.86	5.11/1.02	251.45	86.11%
5.30	0.98	18.78%	100%	596.80	11.91/33.93	11.93/0.24	3.33/9.81	4.99/9.7	5.02/2.03	498.16	83.47%



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/>

