

80 PLUS Verification and Testing Report

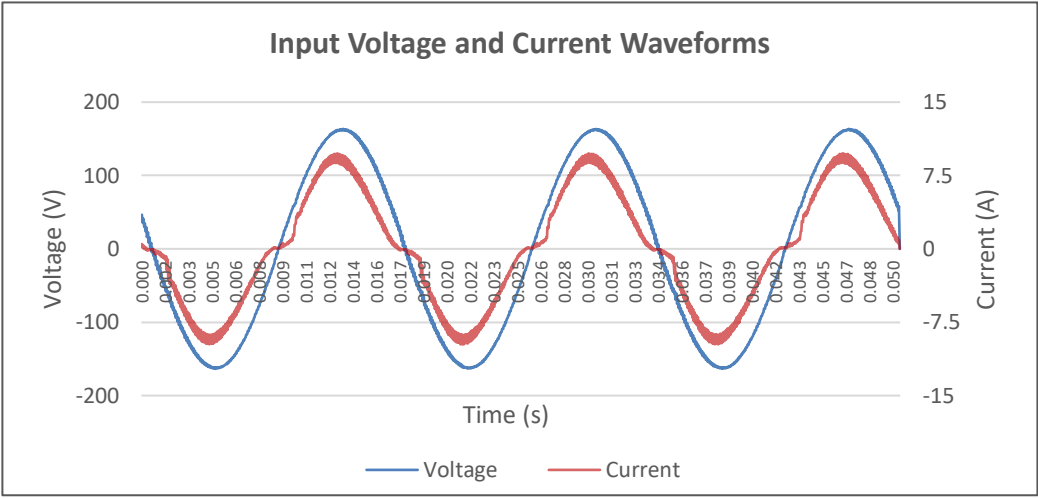
TYPICAL EFFICIENCY (50% Load):	91.32%
AVERAGE EFFICIENCY :	87.08%
80 PLUS COMPLIANT:	Gold



ID Number	7679
Manufacturer	Ocybus
Model Number	P1200-GF
Serial Number	N/A
Type	ATX 3.1
Test Date	12/11/24

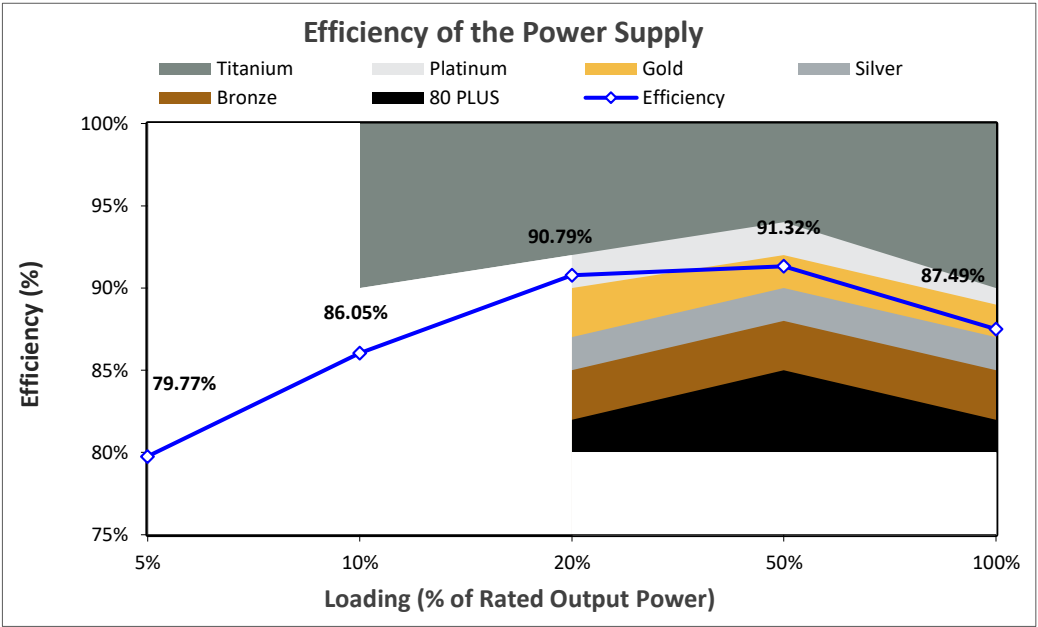
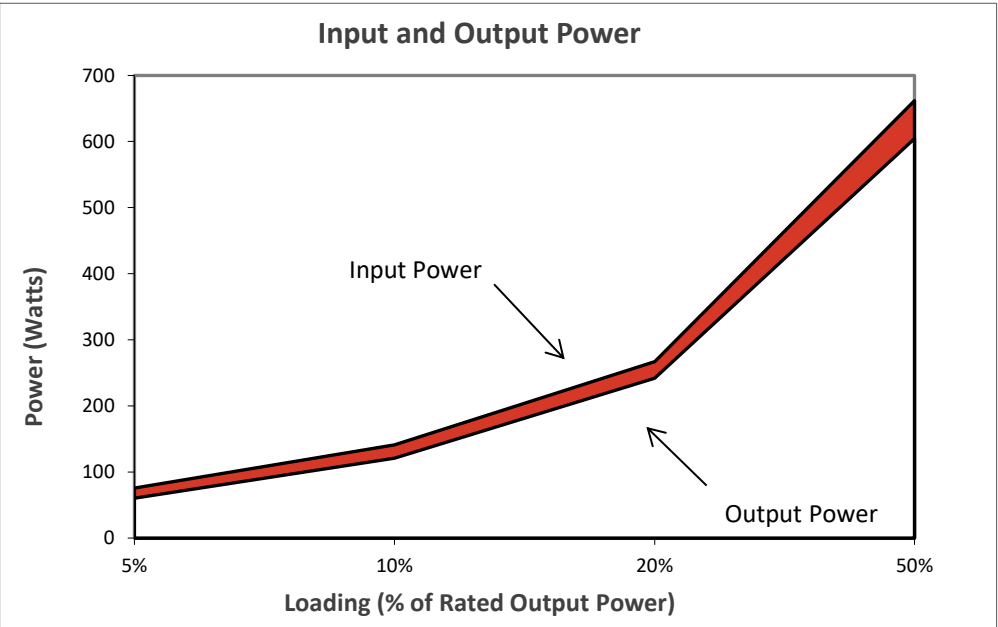
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	14-7	Amps
Input Frequency	50-60	Hz
Rated Output Power	1200	Watts

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



Input AC Current Waveform (ITHD = 17.24%, 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		
0.104	0.3597	37.37	0%	4.29	No-Load						
0.689	0.9585	18.98	5%	75.94	12.11/4.55	11.92/0.014	3.38/0.55	5.02/0.55	5.1/0.137	60.58	79.77%
1.263	0.9695	19.66	10%	140.79	12.11/9.11	11.93/0.027	3.38/1.1	5.02/1.1	5.08/0.273	121.15	86.05%
2.396	0.9680	22.28	20%	266.81	12.11/18.21	11.93/0.055	3.37/2.19	5.01/2.19	5.05/0.546	242.23	90.79%
5.880	0.9792	17.24	50%	661.90	12.09/45.51	11.92/0.137	3.37/5.48	4.99/5.48	4.98/1.365	604.44	91.32%
12.150	0.9876	13.39	100%	1379.64	12.07/91.01	11.95/0.273	3.35/10.97	5/10.97	4.88/2.73	1207.11	87.49%



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/>