

80 PLUS Verification and Testing Report

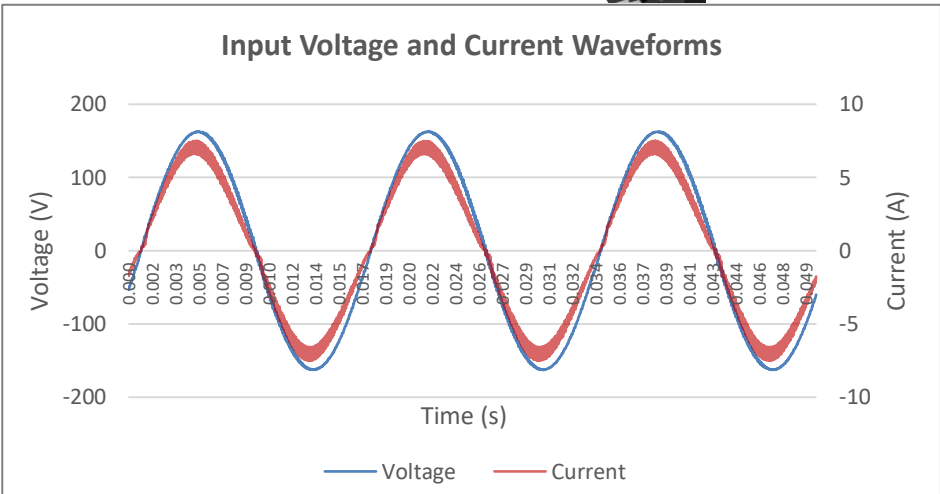
TYPICAL EFFICIENCY (50% Load):	91.14%
AVERAGE EFFICIENCY :	87.73%
80 PLUS COMPLIANT:	Gold



ID Number	7275
Manufacturer	1st Player
Model Number	HA-1000BA4
Serial Number	N/A
Year	2024
Type	ATX12V, EPS12V
Test Date	1/23/24

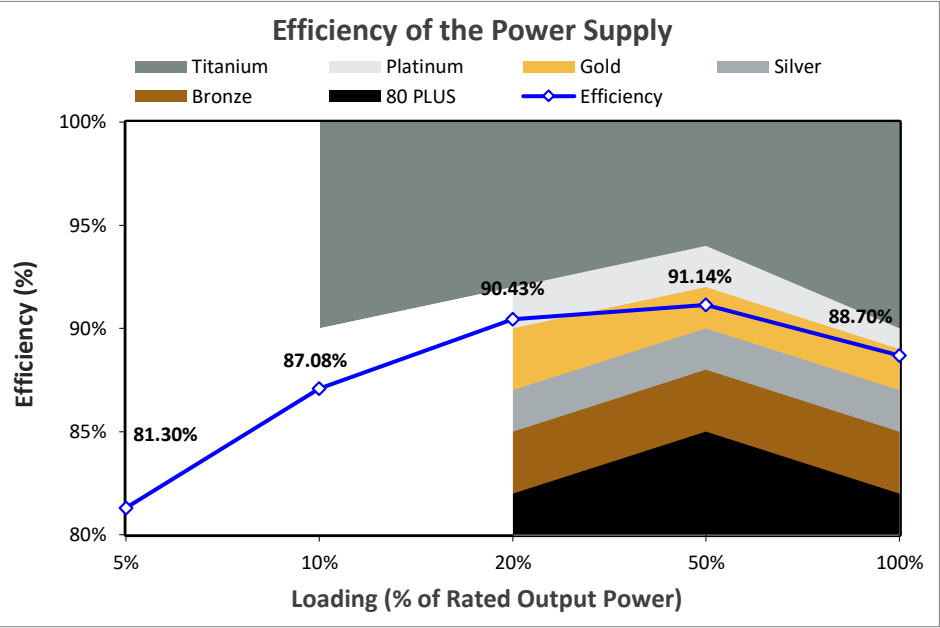
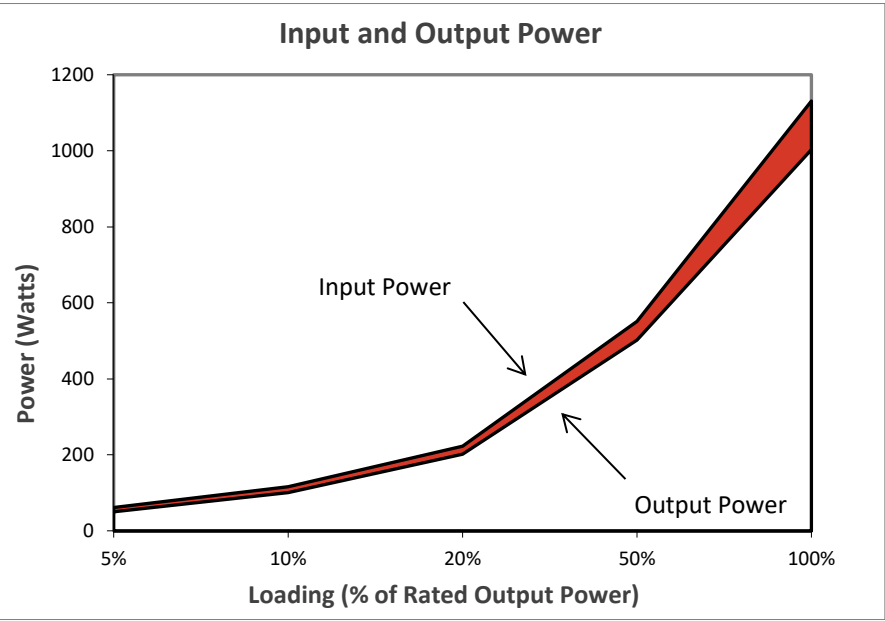
Rated Specifications		Value	Units
Input Voltage		100-240/200-240	Volts
Input Current		12-6/6.5	Amps
Input Frequency		50-60	Hz
Rated Output Power		1000	Watts

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



Input AC Current Waveform (ITHD = 4.89%, 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		
0.127	0.5890	31.25	0%	8.60	No-Load						
0.565	0.9522	12.23	5%	61.84	12.05/3.66	12.15/0.013	3.34/0.64	5.08/0.64	5.11/0.132	50.28	81.30%
1.026	0.9776	8.38	10%	115.38	12.03/7.32	12.18/0.026	3.34/1.27	5.08/1.27	5.1/0.264	100.48	87.08%
1.959	0.9854	8.45	20%	222.14	12.03/14.64	12.23/0.053	3.34/2.55	5.09/2.55	5.08/0.529	200.88	90.43%
4.810	0.9958	4.89	50%	550.61	12.03/36.58	12.38/0.132	3.34/6.37	5.08/6.37	5.01/1.322	501.80	91.14%
9.853	0.9980	3.43	100%	1130.87	12.03/73.16	12.63/0.264	3.33/12.74	5.08/12.74	4.9/2.643	1003.04	88.70%



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/>