

80 PLUS Verification and Testing Report

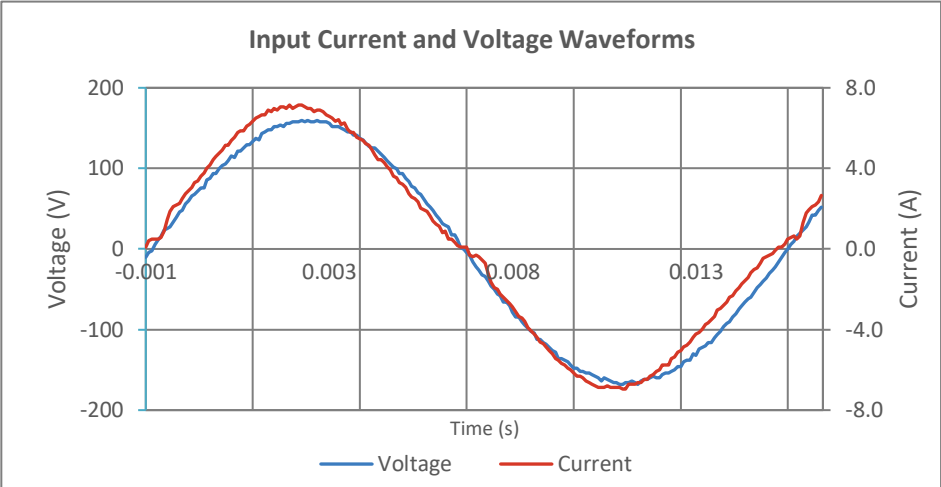
TYPICAL EFFICIENCY (50% Load):	93.28%
AVERAGE EFFICIENCY :	91.45%
80 PLUS COMPLIANT:	Platinum



ID Number	6899
Manufacturer	1st Player
Model Number	HA-1000BA3
Serial Number	N/A
Year	2022
Type	ATX12V, EPS12V
Test Date	10/25/22

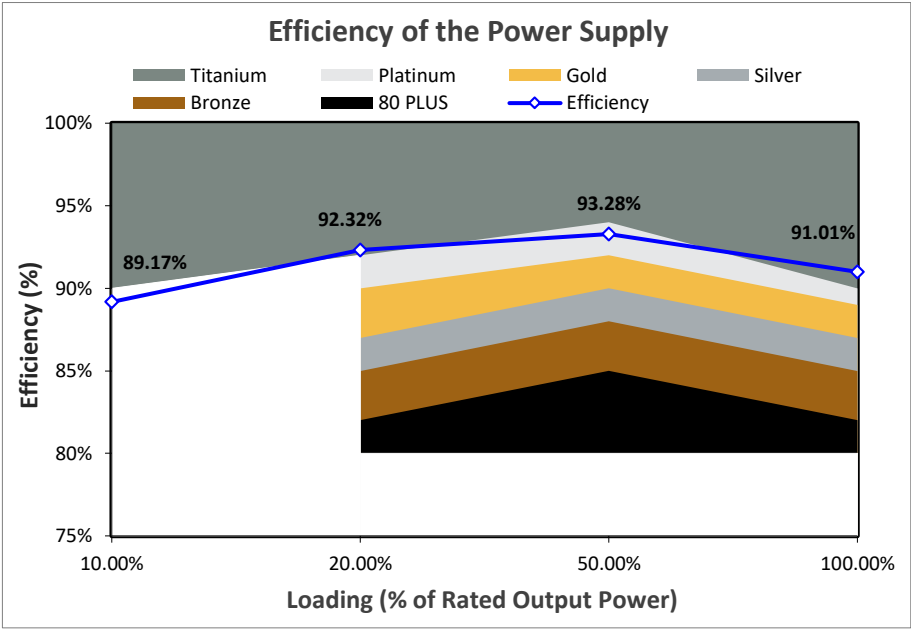
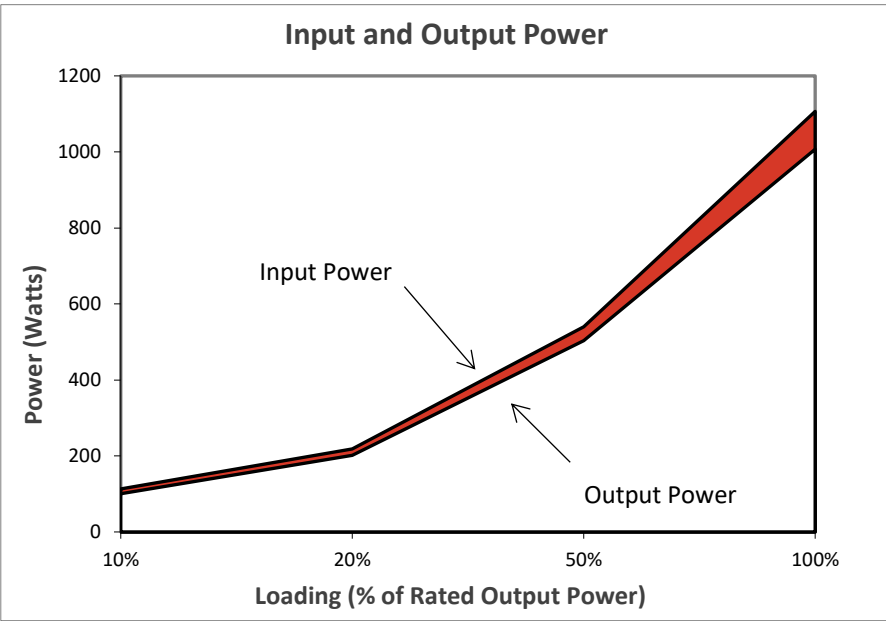
Rated Specifications		Value	Units
Input Voltage		100-240	Volts
Input Current		12-6	Amps
Input Frequency		47-63	Hz
Rated Output Power		1000	Watts

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



Input AC Current Waveform (ITHD = 6.92%, 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		
1.012	0.9683	16.96%	10%	112.67	12.04/7.31	11.97/0.03	3.37/1.27	5.12/1.27	5.12/0.26	100.47	89.17%
1.932	0.9833	13.19%	20%	218.35	12.04/14.67	11.97/0.05	3.36/2.55	5.12/2.54	5.12/0.53	201.59	92.32%
4.725	0.9936	6.92%	50%	539.90	12.04/36.66	11.96/0.13	3.38/6.36	5.12/6.31	5.11/1.32	503.64	93.28%
9.657	0.9965	5.10%	100%	1106.50	12.04/73.32	11.94/0.26	3.38/12.75	5.11/12.61	5.09/2.64	1006.98	91.01%



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/>