

80 PLUS Verification and Testing Report

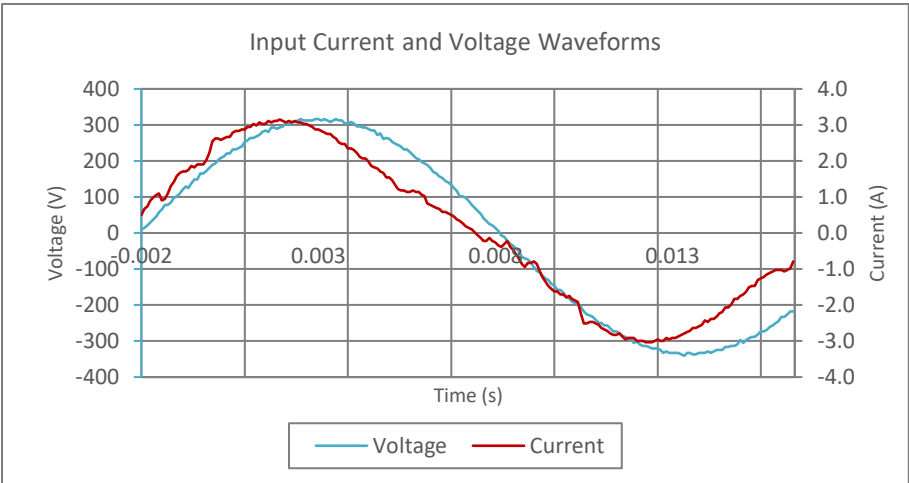
TYPICAL EFFICIENCY (50% Load):	93.02%
AVERAGE EFFICIENCY :	92.08%
80 PLUS COMPLIANT:	YES



ID Number	EU-786
Manufacturer	1st Player
Model Number	HA-800AA2
Serial Number	N/A
Year	2021
Type	ATX12V,EPS12V
Test Date	1/18/21

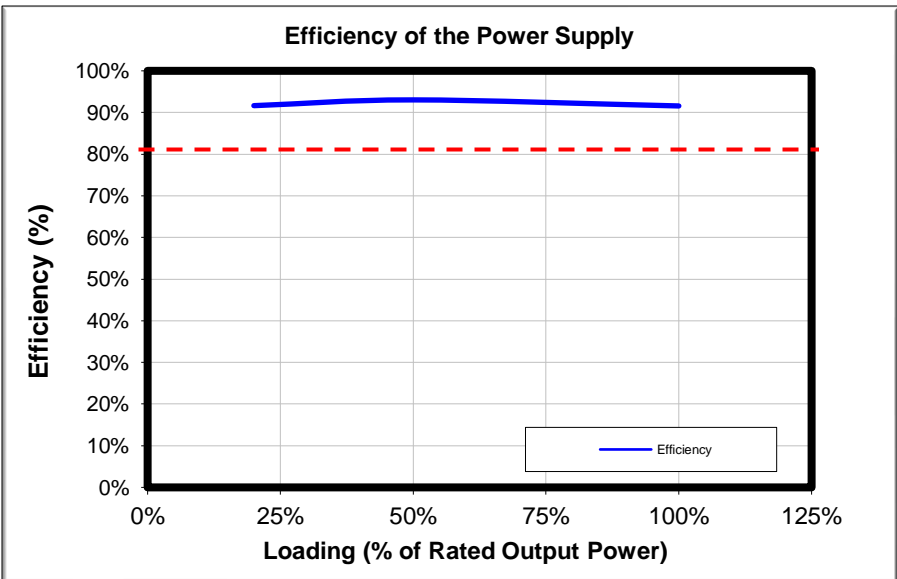
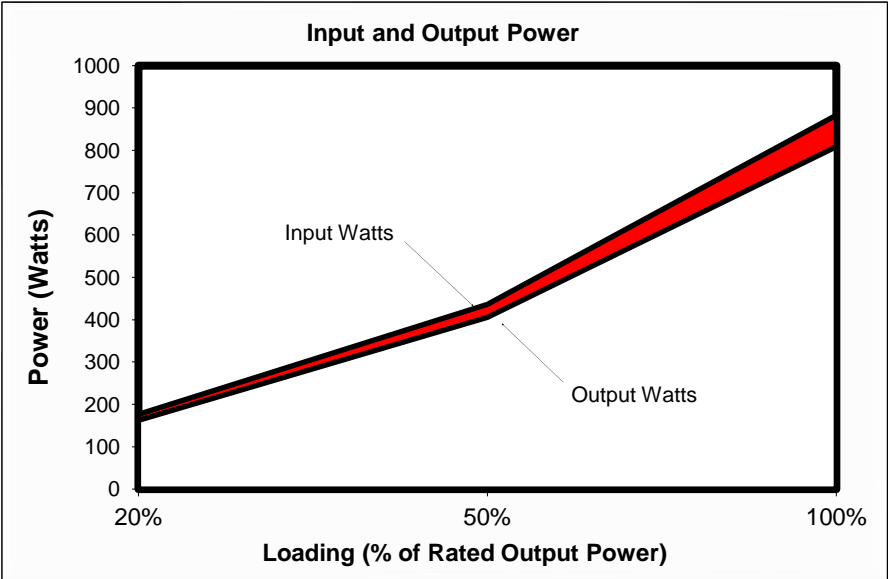
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	800	Watts

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



Input AC Current Waveform (ITHD = 12.06%, 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		
0.54	0.75	13.68%	10%	93.64	12.13/5.83	11.99/0.03	3.34/1.06	5.11/1.06	5.15/0.22	81.11	86.62%
0.87	0.89	12.42%	20%	176.98	12.13/11.66	11.65/0.05	3.33/2.12	5.1/2.11	5.13/0.44	162.19	91.64%
1.98	0.96	12.06%	50%	436.30	12.13/29.23	11.42/0.13	3.31/5.31	5.07/5.27	5.09/1.1	405.85	93.02%
3.93	0.98	9.79%	100%	883.10	12.11/58.38	11.66/0.26	3.26/10.62	5.02/10.51	5.01/2.2	808.64	91.57%



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/>