

80 PLUS Verification and Testing Report

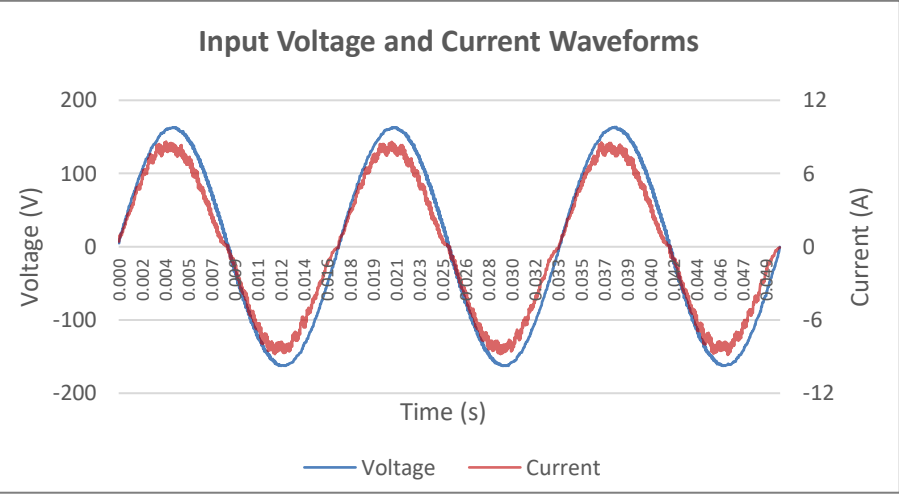
TYPICAL EFFICIENCY (50% Load):	93.12%
AVERAGE EFFICIENCY :	91.55%
80 PLUS COMPLIANT:	Platinum



ID Number	6992
Manufacturer	SAMA
Model Number	XPH1200-A
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	3/2/23

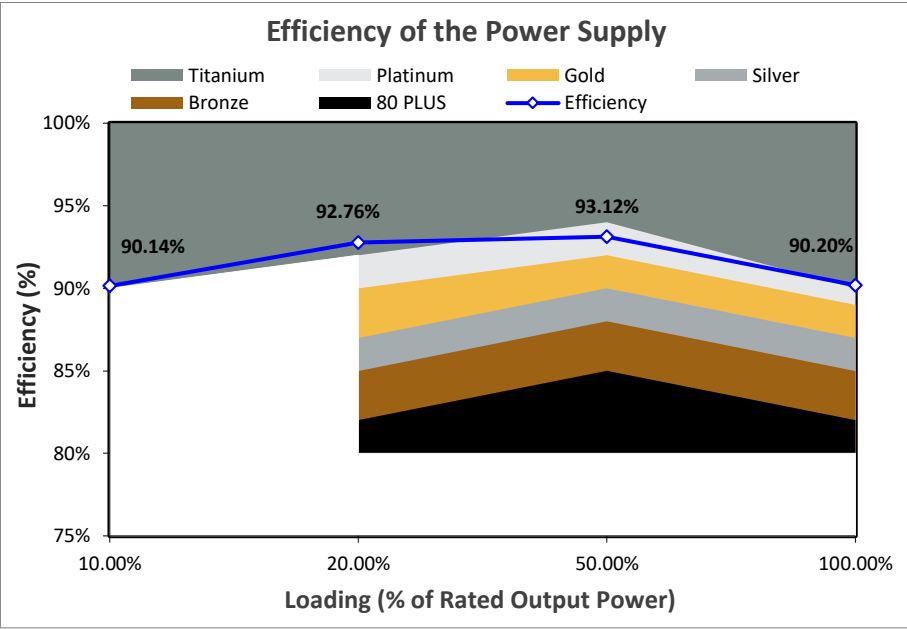
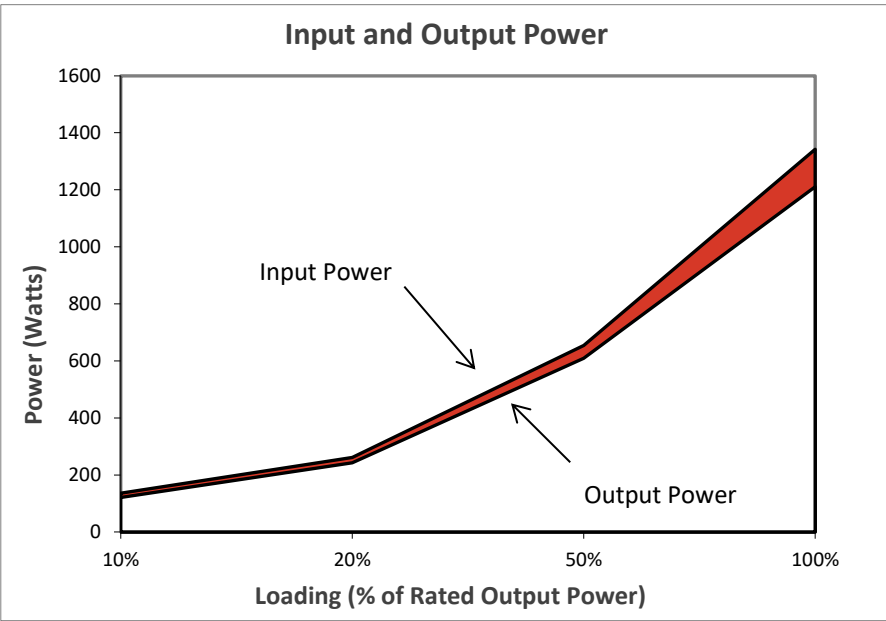
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	50-60	Hz
Rated Output Power	1200	Watts

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



Input AC Current Waveform (ITHD = 4.99%, 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	5Vsb		
1.214	0.9683	5.78	10%	135.17	12.12/9.13	12.52/0.05	3.33/1.1	5.05/1.1	5.12/0.27	121.85	90.14%
2.312	0.9847	5.60	20%	261.93	12.14/18.2	12.48/0.07	3.32/2.19	5.05/2.19	5.12/0.55	242.96	92.76%
5.709	0.9950	4.99	50%	653.36	12.14/45.62	12.26/0.18	3.32/5.48	5.04/5.43	5.09/1.36	608.43	93.12%
11.718	0.9966	5.58	100%	1342.49	12.12/90.94	11.86/0.36	3.3/10.95	5.02/10.84	5.04/2.73	1210.89	90.20%



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/>