

80 PLUS Verification and Testing Report

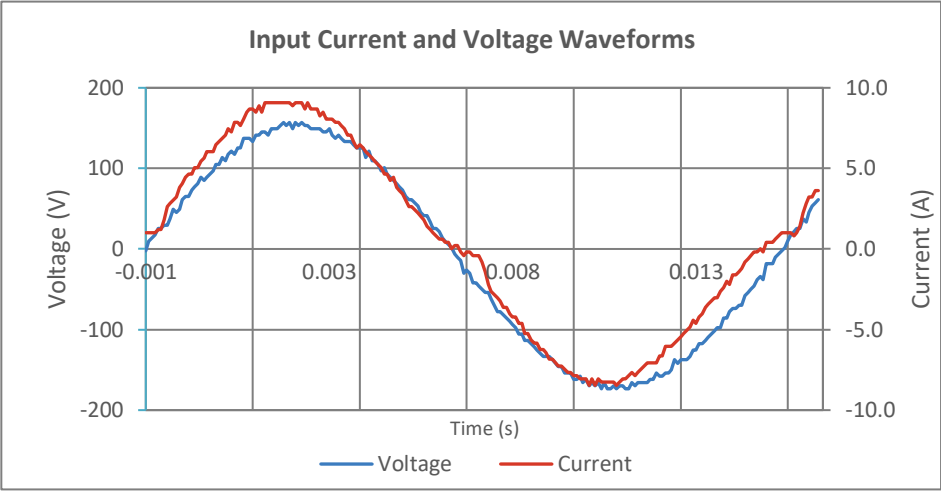
TYPICAL EFFICIENCY (50% Load):	91.49%
AVERAGE EFFICIENCY :	88.55%
80 PLUS COMPLIANT:	Gold



ID Number	6885
Manufacturer	ASUS
Model Number	ROG-STRIX-1200G-AURA-GAMING
Serial Number	N/A
Year	2022
Type	ATX12V
Test Date	10/10/22

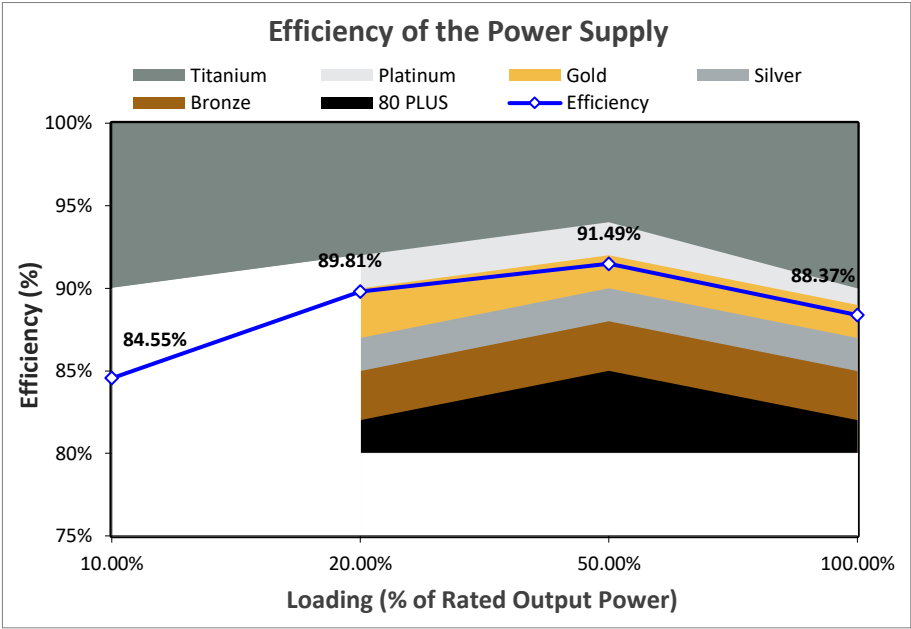
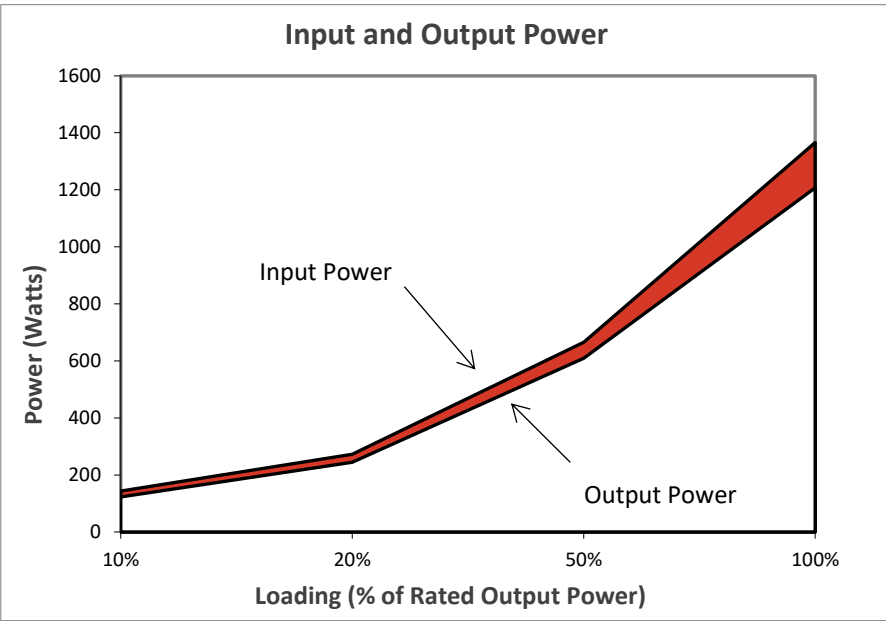
Rated Specifications		Value	Units
Input Voltage		100-240	Volts
Input Current		15-8	Amps
Input Frequency		50-60	Hz
Rated Output Power		1200	Watts

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



Input AC Current Waveform (ITHD = 9.19%, 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		
1.328	0.9450	19.62%	10%	144.31	12.19/8.98	11.97/0.03	3.31/1.3	5.07/1.3	5.1/0.27	122.01	84.55%
2.431	0.9724	14.72%	20%	271.90	12.17/18	11.97/0.05	3.31/2.59	5.08/2.59	5.08/0.54	244.20	89.81%
5.848	0.9890	9.19%	50%	665.20	12.13/45.01	11.99/0.13	3.32/6.48	5.08/6.42	5.02/1.34	608.57	91.49%
11.977	0.9916	6.89%	100%	1366.10	12.08/89.54	12.02/0.27	3.3/12.97	5.09/12.82	5.06/2.69	1207.22	88.37%



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/>