

80 PLUS Verification and Testing Report

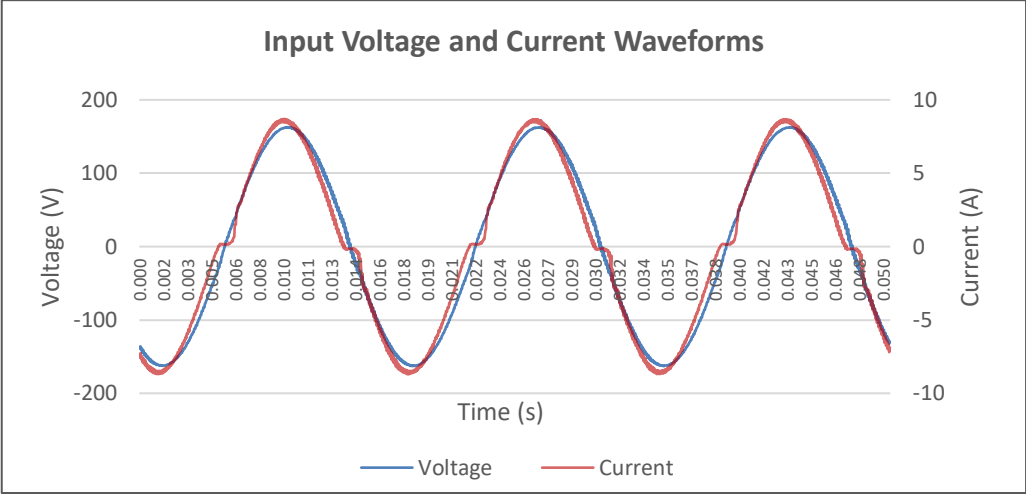
TYPICAL EFFICIENCY (50% Load):	92.72%
AVERAGE EFFICIENCY :	90.05%
80 PLUS COMPLIANT:	Platinum



ID Number	7345
Manufacturer	ASUS
Model Number	ROG-STRIX-1200P-GAMING
Serial Number	N/A
Type	ATX12V
Test Date	3/27/24

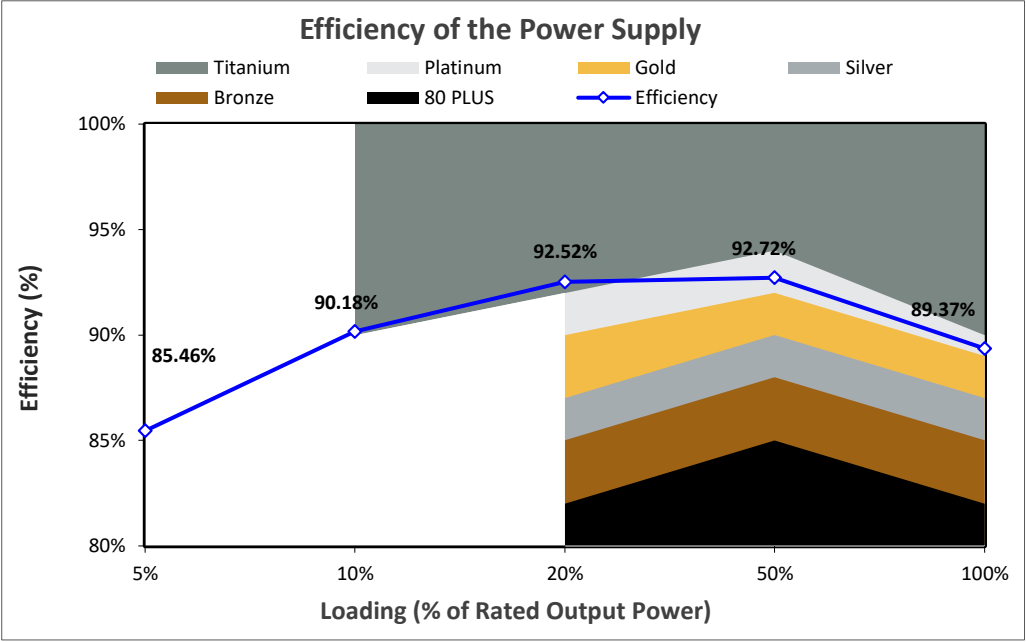
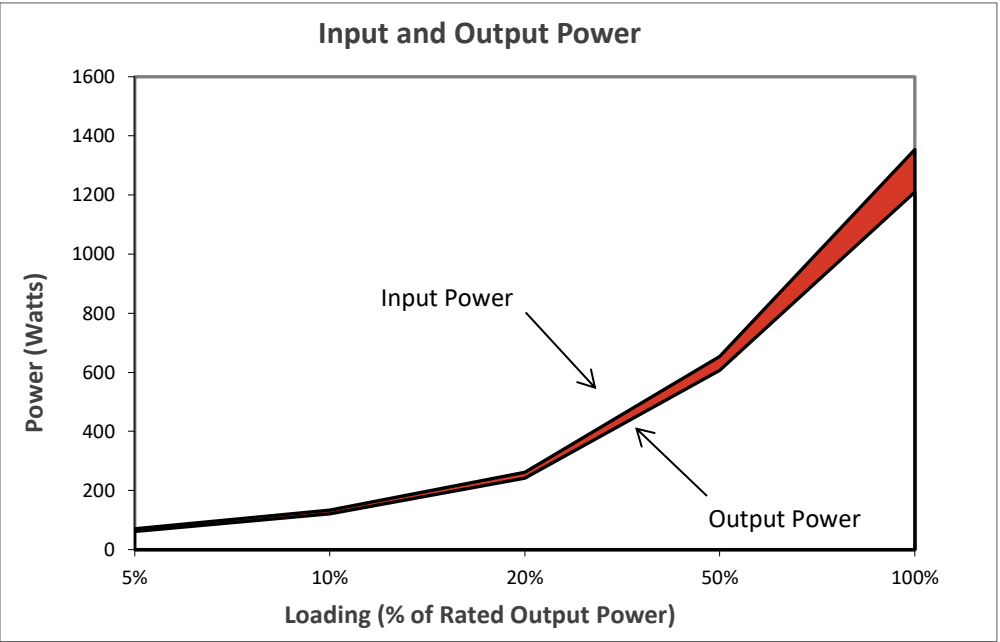
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-7.5	Amps
Input Frequency	47-63	Hz
Rated Output Power	1200	Watts

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



Input AC Current Waveform (ITHD = 10.17%, 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		
0.135	0.5497	22.74	0%	8.54	No-Load						
0.643	0.9584	21.96	5%	70.93	12.11/4.45	11.99/0.013	3.31/0.7	5.1/0.7	5.15/0.134	60.61	85.46%
1.196	0.9770	18.23	10%	134.45	12.11/8.9	12.03/0.027	3.31/1.39	5.1/1.39	5.14/0.267	121.24	90.18%
2.336	0.9757	18.39	20%	262.08	12.12/17.8	12.1/0.053	3.31/2.79	5.11/2.79	5.12/0.534	242.47	92.52%
5.737	0.9913	10.17	50%	653.93	12.12/44.5	12.32/0.133	3.31/6.97	5.12/6.97	5.07/1.335	606.30	92.72%
11.820	0.9959	7.35	100%	1353.74	12.09/88.99	12.67/0.267	3.32/13.94	5.14/13.94	4.98/2.668	1209.82	89.37%



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/>