

80 PLUS Verification and Testing Report

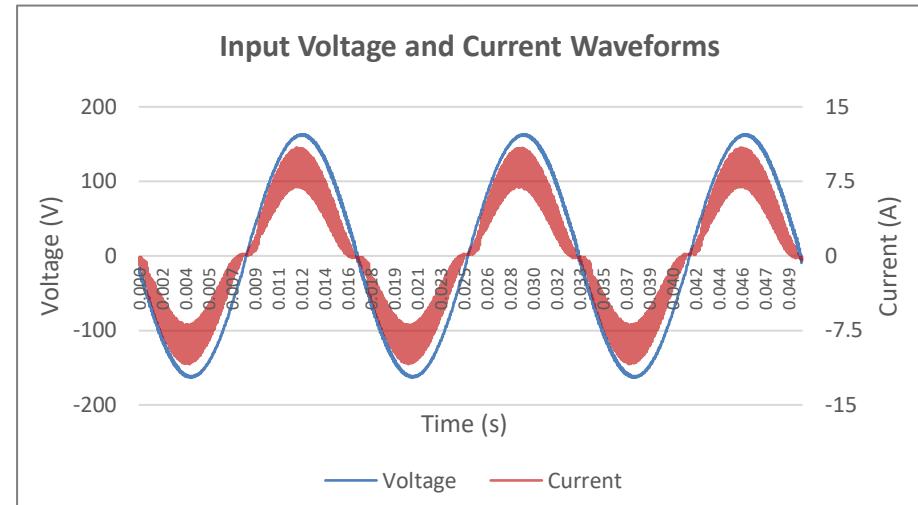
TYPICAL EFFICIENCY (50% Load):	92.47%
AVERAGE EFFICIENCY :	88.51%
80 PLUS COMPLIANT:	Platinum



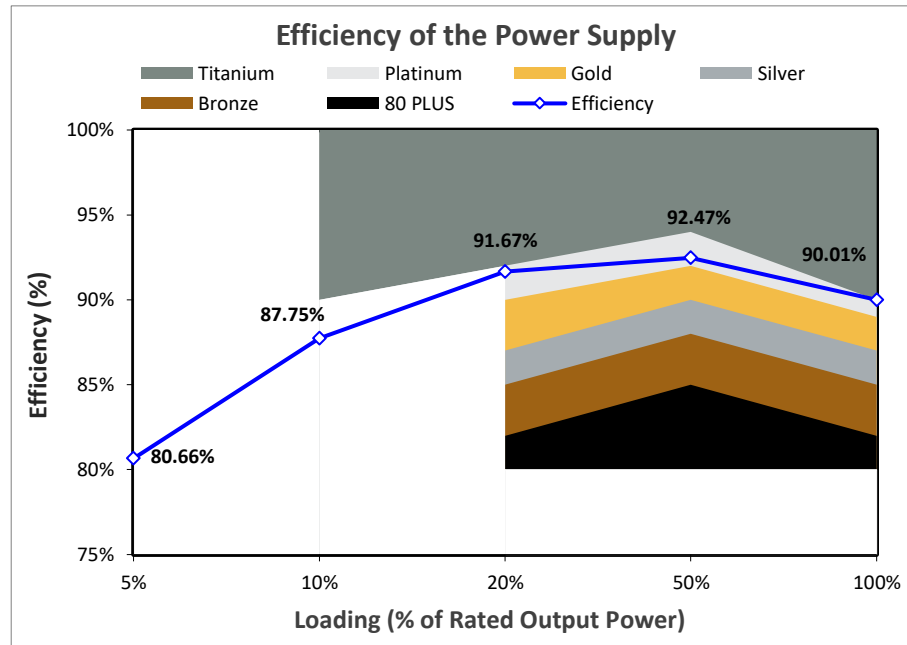
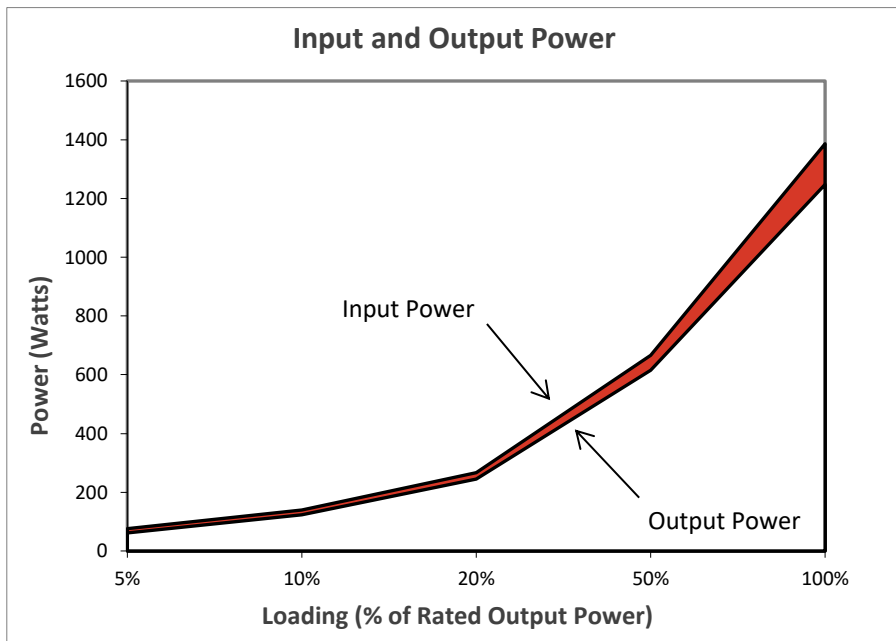
ID Number	7074.1
Manufacturer	Phanteks
Model Number	PH-P1200PR_01
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	6/13/23

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-7.5	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.



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		
0.141	0.1811	19.43	0%	2.92	No-Load						
0.846	0.7739	15.89	5%	75.34	12.16/4.47	11.82/0.01	3.33/0.67	5.04/0.67	5.15/0.13	60.77	80.66%
1.450	0.8358	10.26	10%	139.29	12.19/8.96	11.82/0.03	3.32/1.35	5.03/1.35	5.14/0.27	122.23	87.75%
2.558	0.9074	10.77	20%	266.82	12.21/17.91	11.83/0.06	3.32/2.69	5.03/2.69	5.13/0.54	244.61	91.67%
5.954	0.9726	11.61	50%	666.11	12.3/44.84	11.83/0.13	3.32/6.72	5.03/6.72	5.11/1.34	615.96	92.47%
12.166	0.9906	8.72	100%	1386.26	12.52/89.5	11.85/0.27	3.32/13.4	5.02/13.43	5.06/2.68	1247.78	90.01%



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/>