

80 PLUS Verification and Testing Report

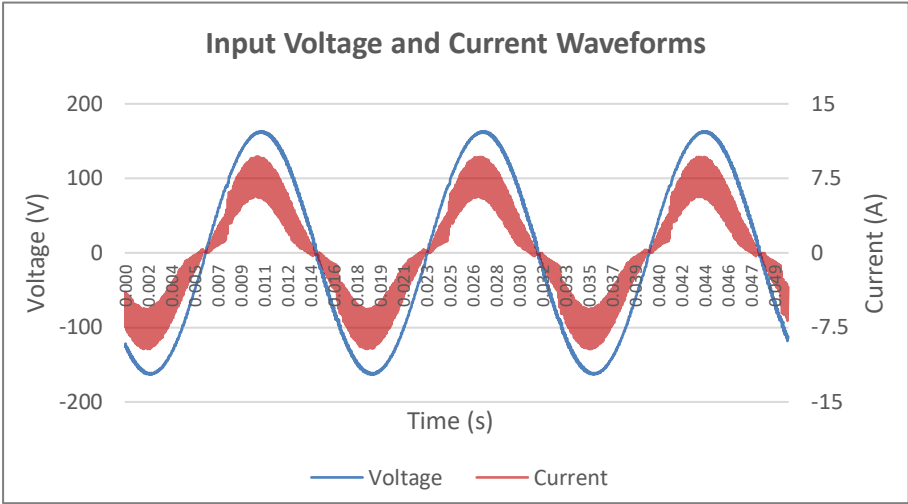
TYPICAL EFFICIENCY (50% Load):	92.15%
AVERAGE EFFICIENCY :	87.89%
80 PLUS COMPLIANT:	Platinum



ID Number	7073.1
Manufacturer	Phanteks
Model Number	PH-P1000PR_01
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	6/12/23

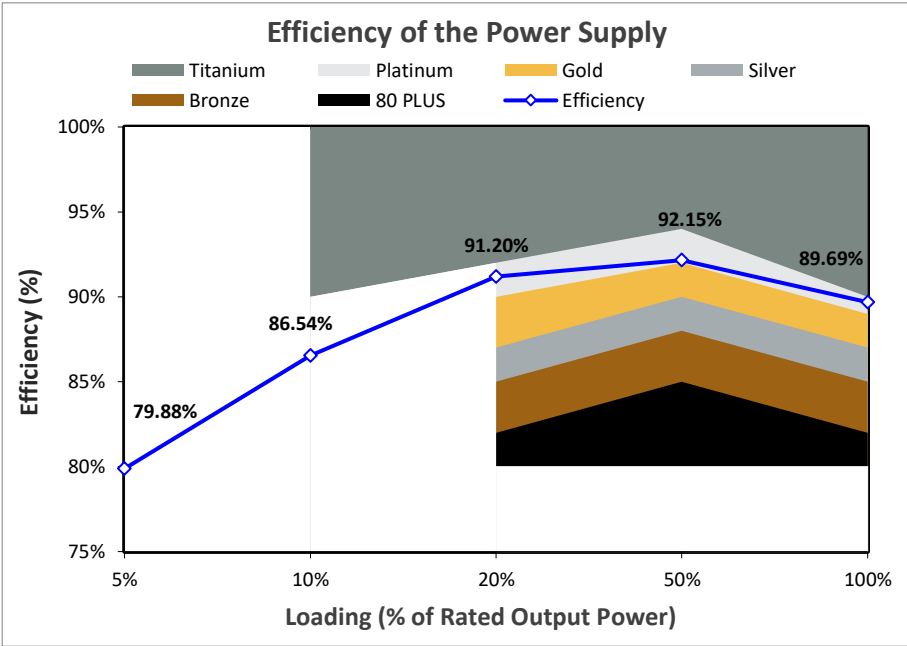
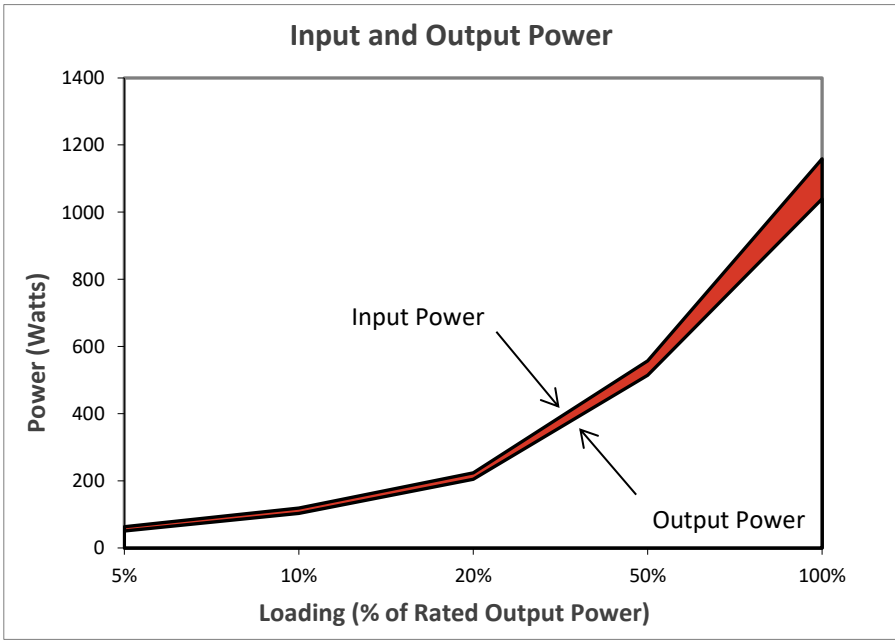
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13-6.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 14.42%, 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		
0.123	0.2392	18.47	0%	3.38	No-Load						
0.718	0.7689	13.40	5%	63.46	12.22/3.63	11.81/0.01	3.35/0.66	5.03/0.66	5.14/0.13	50.69	79.88%
1.256	0.8205	13.57	10%	118.50	12.3/7.31	11.8/0.03	3.35/1.32	5.02/1.32	5.13/0.26	102.54	86.54%
2.204	0.8847	13.05	20%	224.20	12.28/14.58	11.81/0.06	3.35/2.64	5.02/2.64	5.12/0.53	204.47	91.20%
5.045	0.9616	14.42	50%	557.96	12.33/36.57	11.82/0.13	3.35/6.6	5.02/6.6	5.1/1.32	514.19	92.15%
10.234	0.9858	10.84	100%	1159.24	12.51/73.05	11.82/0.26	3.35/13.17	5.01/13.2	5.06/2.63	1039.73	89.69%



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/>