

80 PLUS Verification and Testing Report

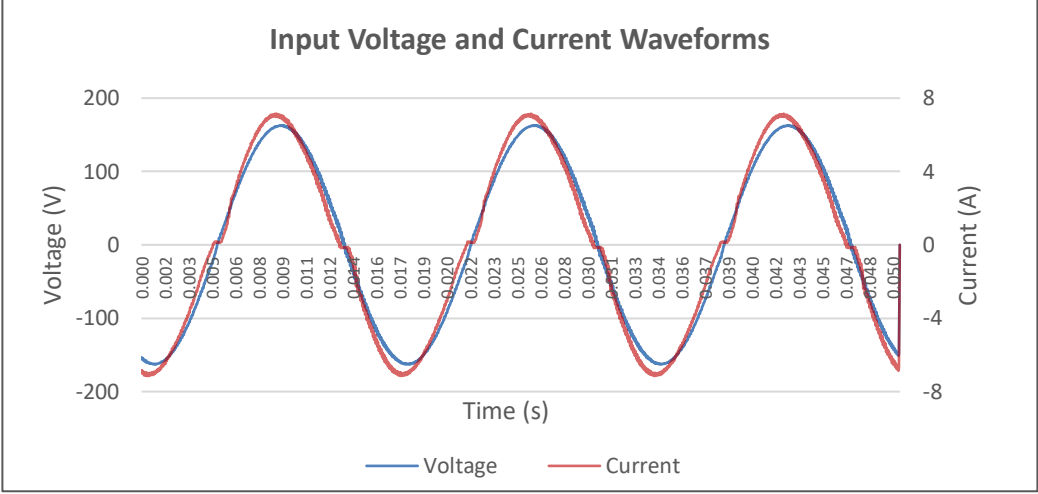
TYPICAL EFFICIENCY (50% Load):	93.39%
AVERAGE EFFICIENCY :	91.26%
80 PLUS COMPLIANT:	Platinum



ID Number	7625
Manufacturer	ASUS
Model Number	ROG-THOR-1000P3-GAMING
Serial Number	N/A
Type	ATX12V
Test Date	11/4/24

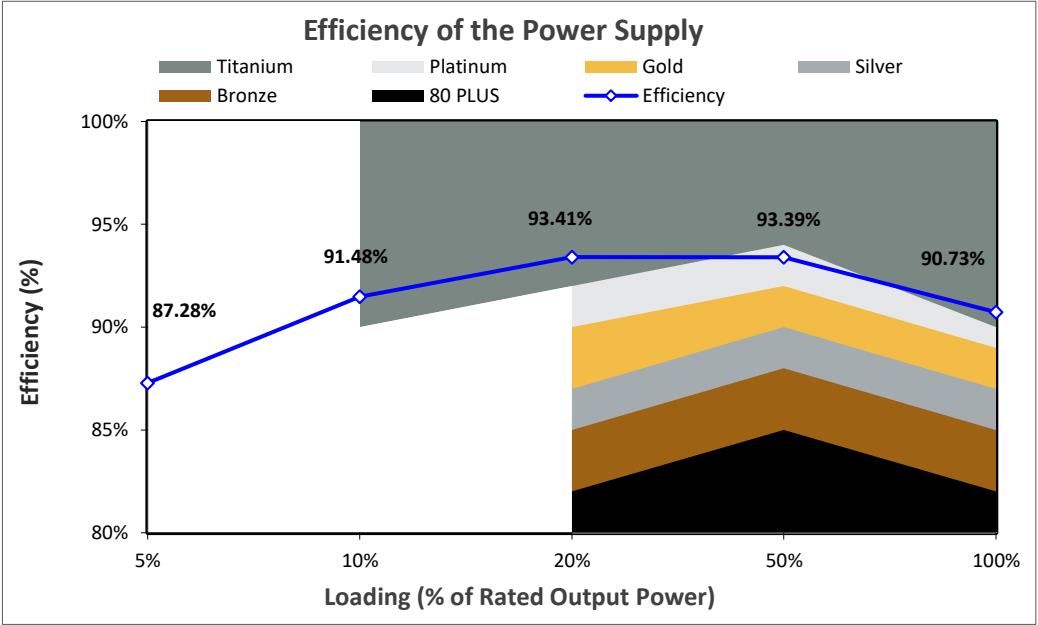
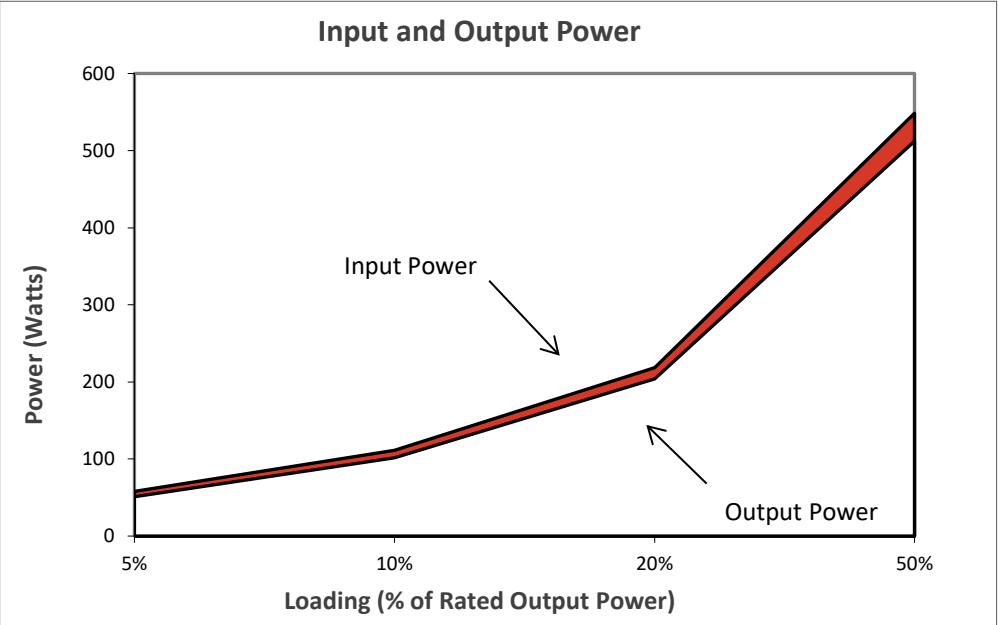
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13-6.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 7.72%, 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		
0.117	0.4309	26.84	0%	5.81	No-Load						
0.533	0.9497	8.69	5%	58.23	12.2/3.65	11.78/0.013	3.31/0.73	5.09/0.61	5.21/0.131	50.83	87.28%
0.991	0.9754	10.58	10%	111.25	12.22/7.29	11.78/0.026	3.31/1.46	5.09/1.22	5.2/0.262	101.77	91.48%
1.916	0.9910	7.62	20%	218.23	12.24/14.58	11.78/0.053	3.31/2.93	5.09/2.44	5.19/0.525	203.84	93.41%
4.800	0.9936	7.72	50%	548.44	12.32/36.44	11.78/0.131	3.31/7.32	5.09/6.1	5.16/1.312	512.18	93.39%
9.905	0.9969	4.60	100%	1135.58	12.4/72.88	11.77/0.262	3.31/14.64	5.09/12.2	5.1/2.623	1030.33	90.73%



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/>