

80 PLUS Verification and Testing Report

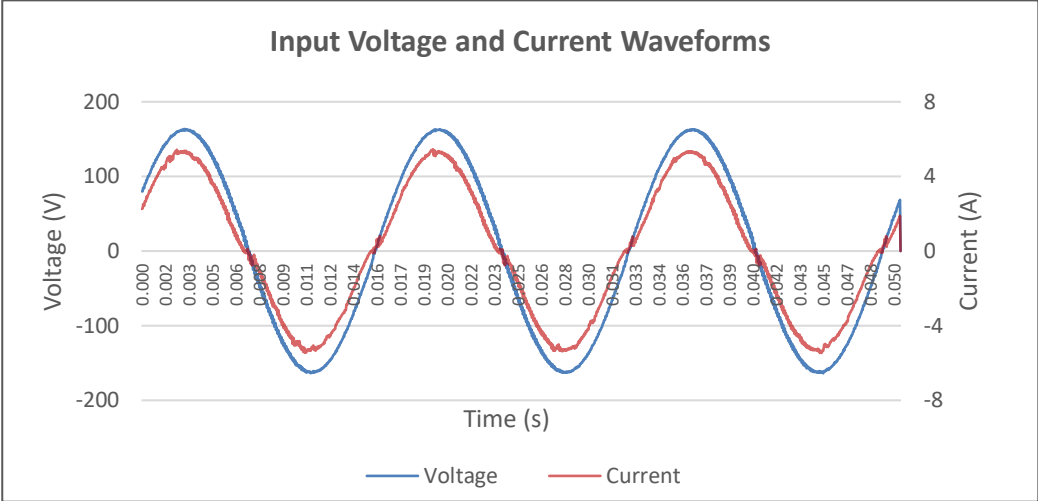
TYPICAL EFFICIENCY (50% Load):	91.66%
AVERAGE EFFICIENCY :	84.14%
80 PLUS COMPLIANT:	Gold



ID Number	7488.5
Manufacturer	ASRock
Model Number	PRO-750G
Serial Number	N/A
Type	ATX12V
Test Date	8/5/24

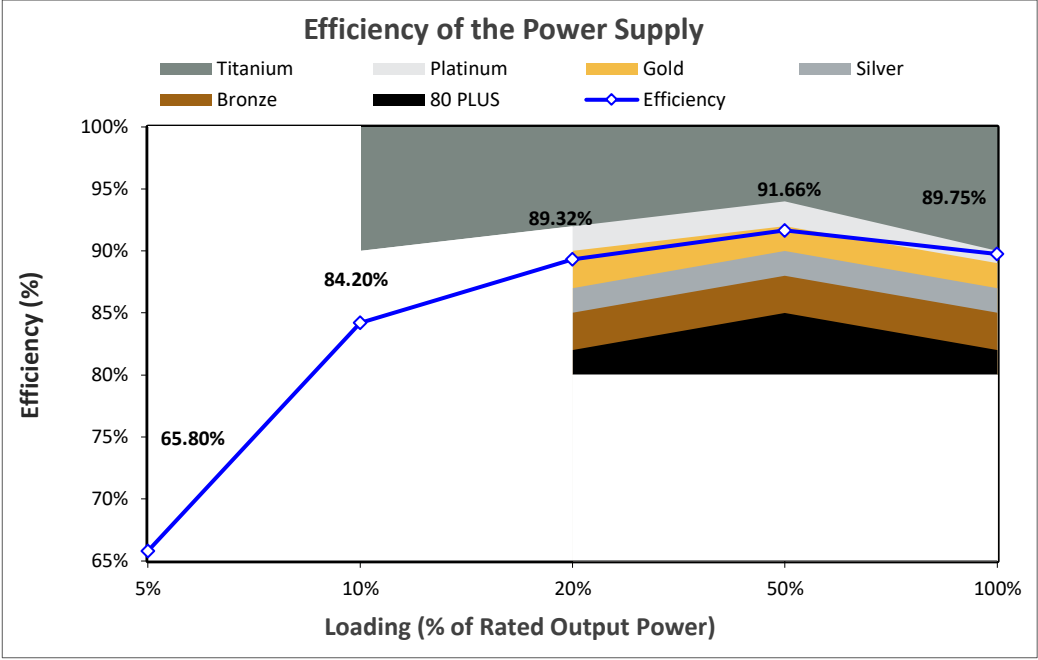
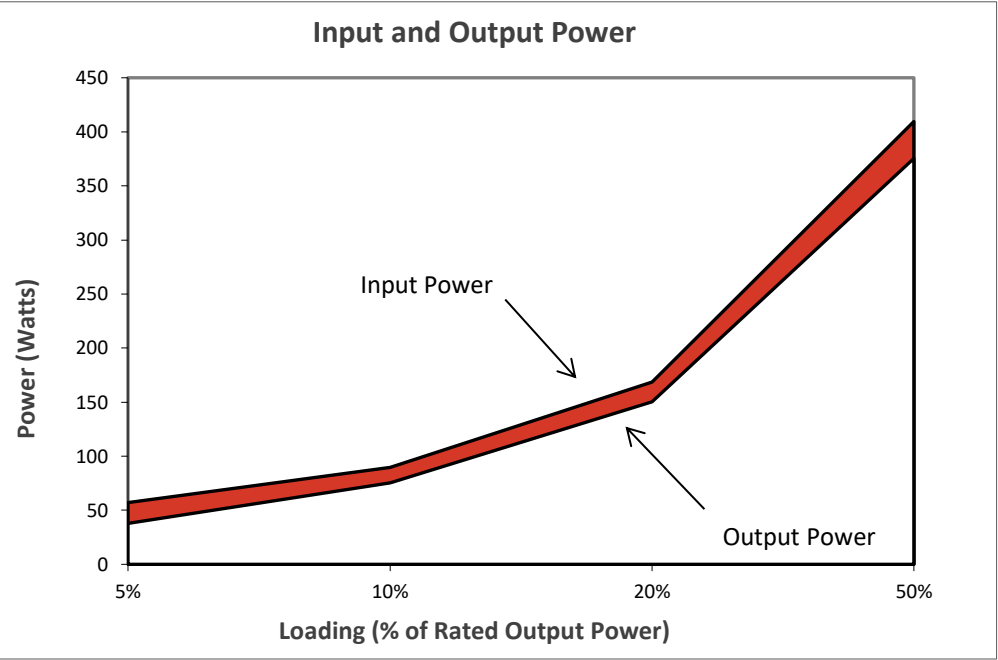
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 7.99%, 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		
0.094	0.3686	34.31	0%	3.97	No-Load						
0.527	0.9451	17.33	5%	57.25	12.05/2.7	12.02/0.013	3.32/0.52	5.04/0.52	5.1/0.13	37.67	65.80%
0.802	0.9695	16.15	10%	89.44	12.04/5.4	12.02/0.026	3.32/1.04	5.04/1.04	5.1/0.259	75.31	84.20%
1.481	0.9892	11.31	20%	168.44	12.02/10.8	11.94/0.052	3.32/2.08	5.04/2.08	5.09/0.518	150.44	89.32%
3.577	0.9953	7.99	50%	409.56	12/26.99	11.44/0.13	3.32/5.2	5.04/5.2	5.05/1.295	375.41	91.66%
7.282	0.9972	6.48	100%	834.65	11.98/53.97	11.53/0.259	3.33/10.4	5.04/10.4	4.99/2.59	749.08	89.75%



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/>