

80 PLUS Verification and Testing Report

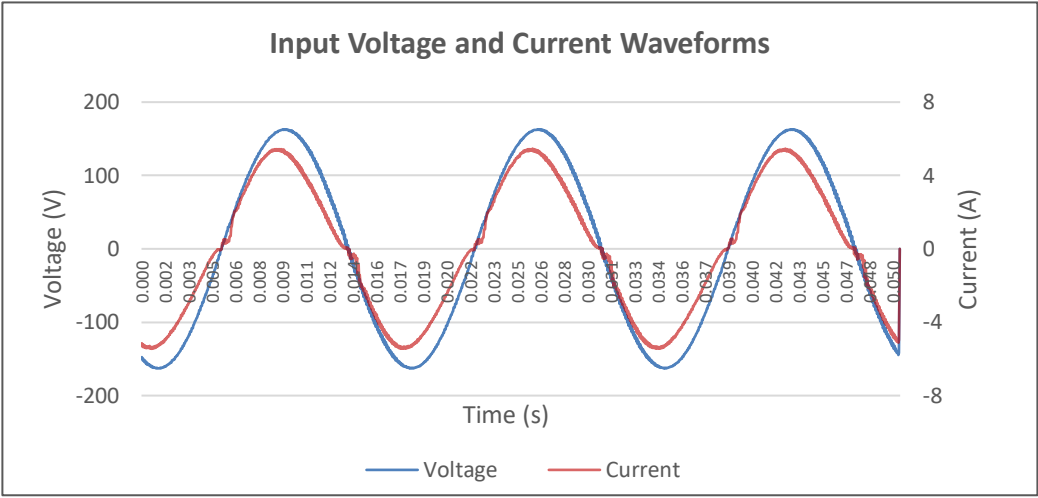
TYPICAL EFFICIENCY (50% Load):	91.30%
AVERAGE EFFICIENCY :	86.37%
80 PLUS COMPLIANT:	Gold



ID Number	7605
Manufacturer	ASRock
Model Number	CL-750G
Serial Number	N/A
Type	ATX12V
Test Date	10/17/24

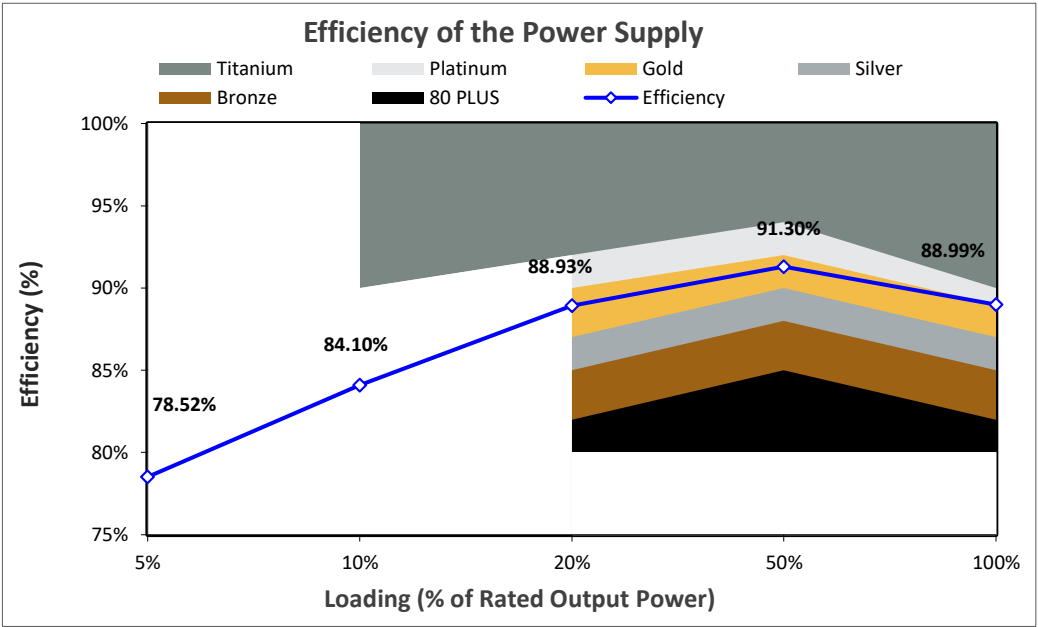
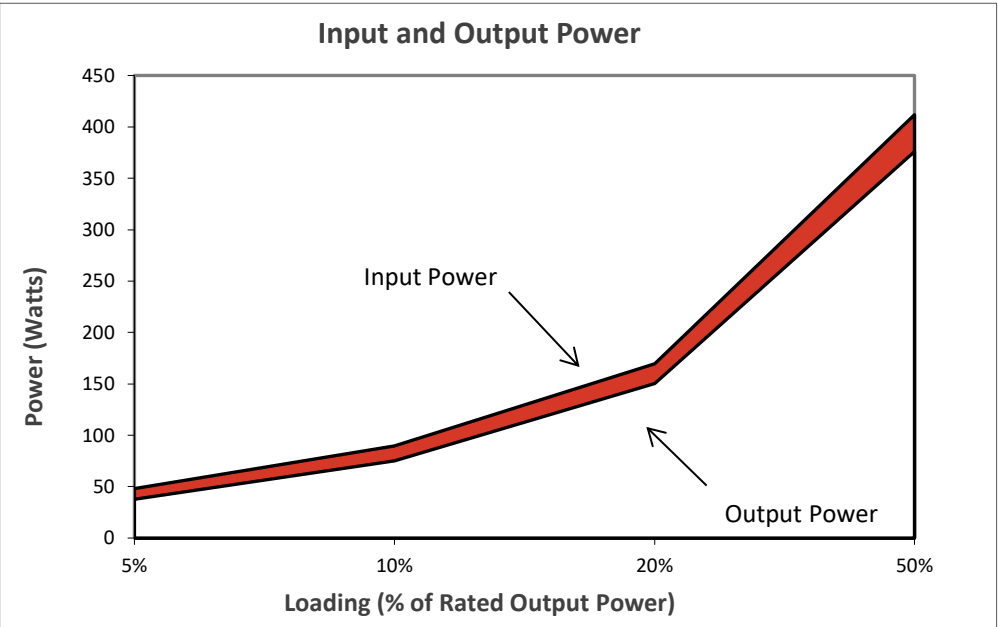
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 8.95%, 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		
0.110	0.2071	16.40	0%	2.61	No-Load						
0.451	0.9243	17.61	5%	47.96	12.02/2.64	12.24/0.013	3.33/0.61	5.08/0.61	5.15/0.127	37.66	78.52%
0.802	0.9707	11.93	10%	89.57	12.02/5.28	12.25/0.025	3.33/1.22	5.08/1.22	5.15/0.253	75.32	84.10%
1.510	0.9743	13.56	20%	169.30	12.02/10.55	12.27/0.051	3.33/2.44	5.08/2.44	5.15/0.507	150.56	88.93%
3.618	0.9890	8.95	50%	411.81	12/26.38	12.32/0.127	3.33/6.1	5.08/6.1	5.14/1.266	375.99	91.30%
7.376	0.9946	7.02	100%	843.69	11.98/52.75	12.41/0.253	3.33/12.2	5.08/12.2	5.12/2.532	750.78	88.99%



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/>