

80 PLUS Verification and Testing Report

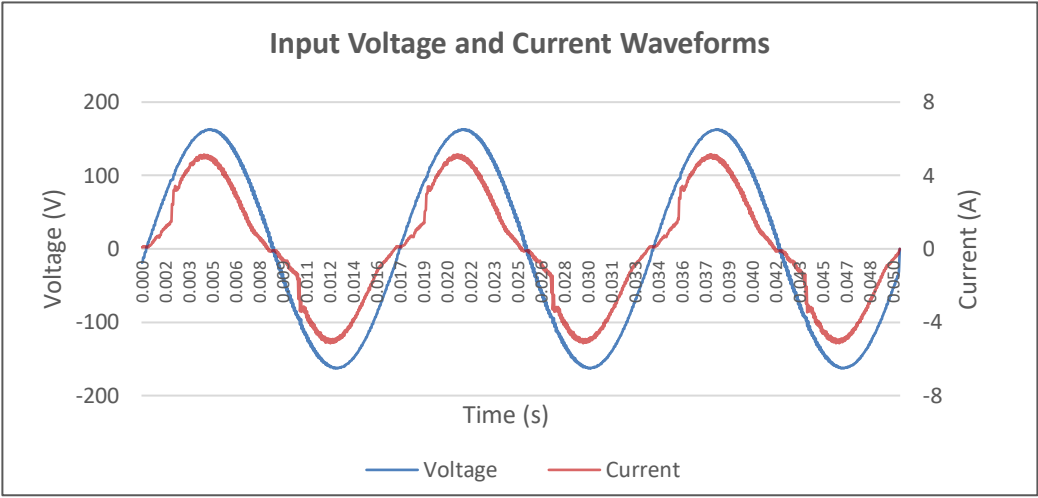
TYPICAL EFFICIENCY (50% Load):	91.87%
AVERAGE EFFICIENCY :	88.53%
80 PLUS COMPLIANT:	Gold



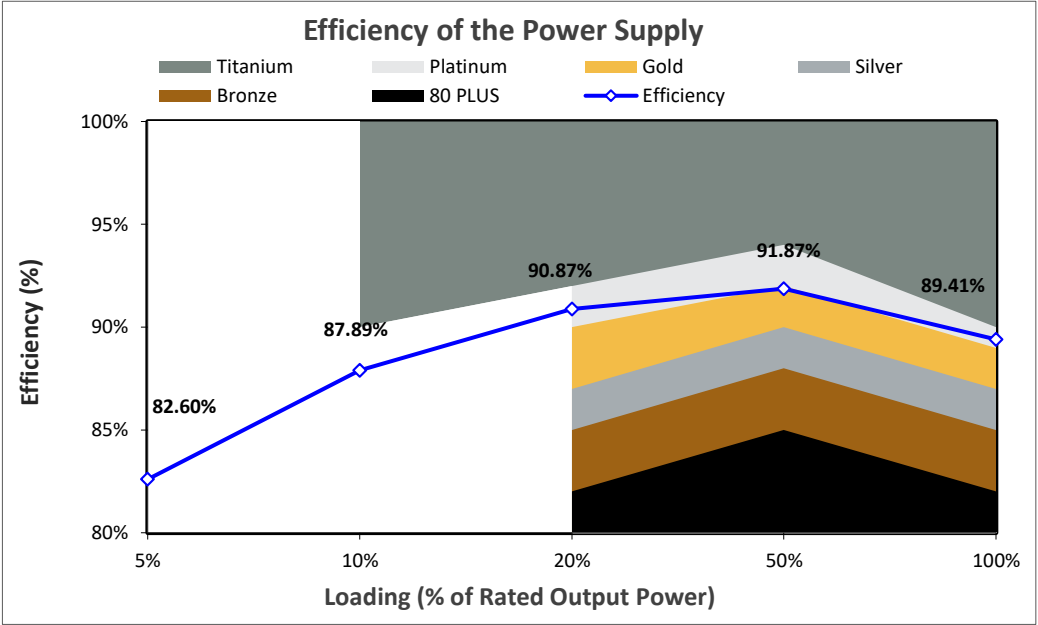
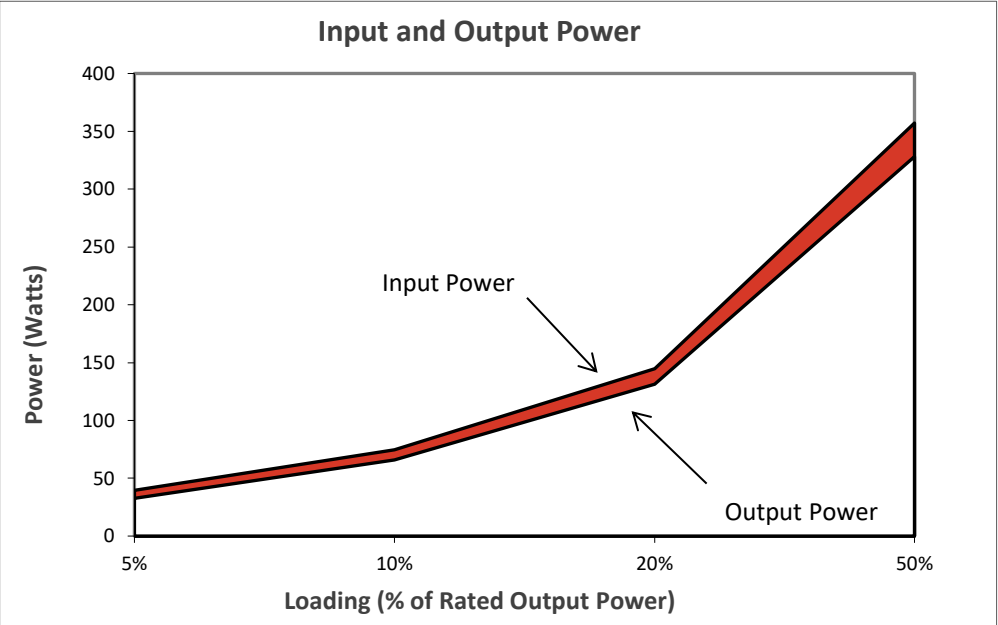
ID Number	7599
Manufacturer	ASRock
Model Number	SL-650G
Serial Number	N/A
Type	ATX12V
Test Date	10/8/24

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	650	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		
0.089	0.4993	28.63	0%	5.11	No-Load						
0.379	0.9113	35.69	5%	39.77	12.13/2.23	11.99/0.012	3.29/0.6	5.07/0.6	5.14/0.124	32.85	82.60%
0.688	0.9448	28.84	10%	74.74	12.13/4.47	11.99/0.025	3.29/1.19	5.07/1.19	5.14/0.247	65.69	87.89%
1.291	0.9731	22.41	20%	144.53	12.13/8.93	12/0.049	3.29/2.38	5.06/2.38	5.13/0.494	131.34	90.87%
3.175	0.9783	18.92	50%	357.15	12.12/22.33	12.04/0.124	3.28/5.96	5.06/5.96	5.12/1.236	328.11	91.87%
6.437	0.9899	12.24	100%	732.89	12.11/44.65	12.07/0.247	3.27/11.91	5.05/11.91	5.1/2.471	655.25	89.41%



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/>