

80 PLUS Verification and Testing Report

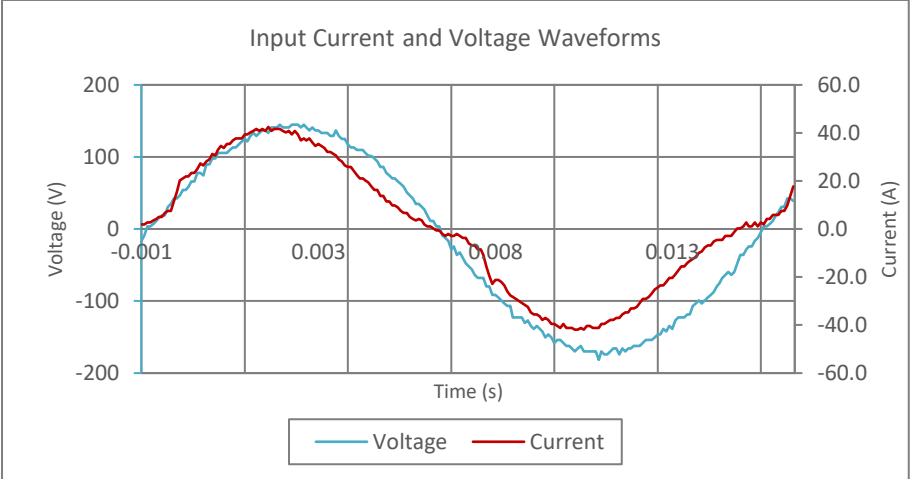
TYPICAL EFFICIENCY (50% Load):	91.06%
AVERAGE EFFICIENCY :	89.67%
80 PLUS COMPLIANT:	YES



ID Number	5515
Manufacturer	EVGA Corporation
Model Number	550 GT
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	3/4/19

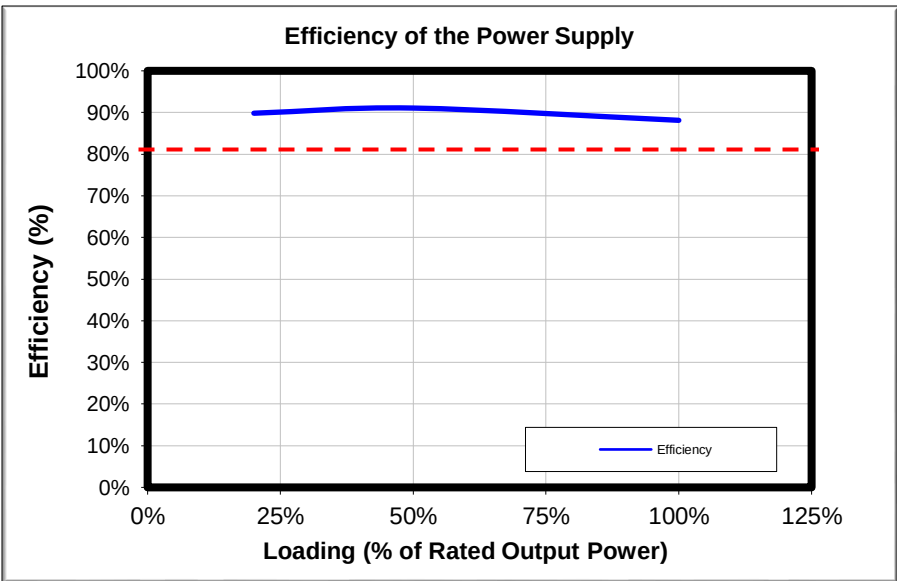
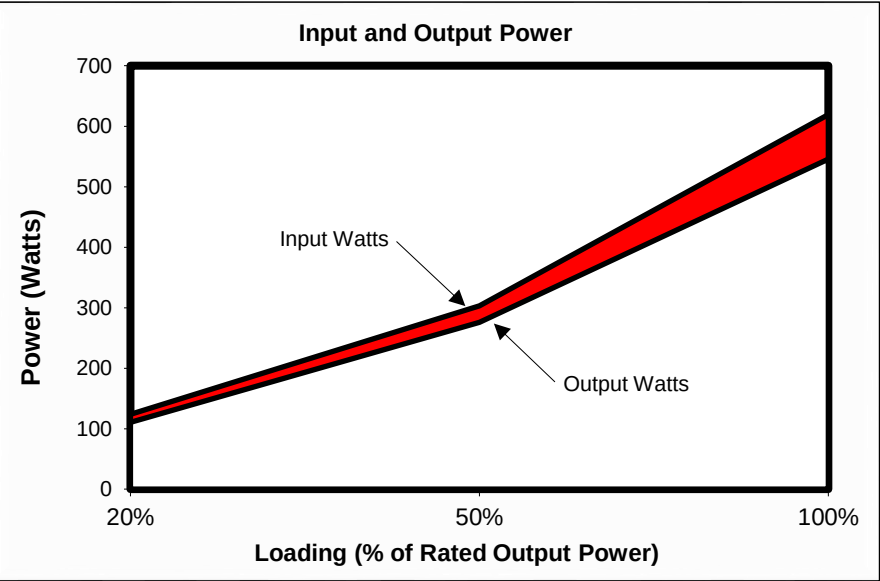
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	60/50	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (ITHD = 13.96%, 50% Load)

I _{RMS}	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	5Vsb		
0.59	0.96	10.39%	10%	64.70	12.04/3.61	12.24/0.02	3.33/1.23	5/1.23	5.13/0.24	55.19	85.30%
1.09	0.98	11.95%	20%	123.26	12.02/7.25	12.25/0.05	3.33/2.47	5/2.46	5.12/0.47	110.71	89.82%
2.69	0.98	13.96%	50%	302.60	11.96/18.13	12.26/0.12	3.34/6.18	4.98/6.12	5.09/1.18	275.55	91.06%
5.45	0.99	10.70%	100%	619.10	11.85/36.2	12.29/0.24	3.33/12.35	4.96/12.22	5.03/2.36	545.55	88.12%



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/>

