

80 PLUS Verification and Testing Report

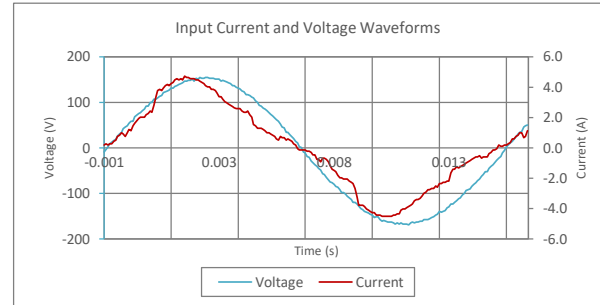
TYPICAL EFFICIENCY (50% Load):	90.83%
AVERAGE EFFICIENCY :	89.77%
80 PLUS COMPLIANT:	YES



ID Number	5597
Manufacturer	EVGA
Model Number	SuperNOVA 550 GA
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	7/12/19

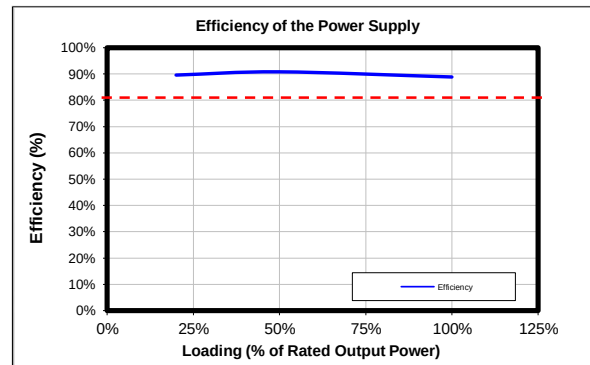
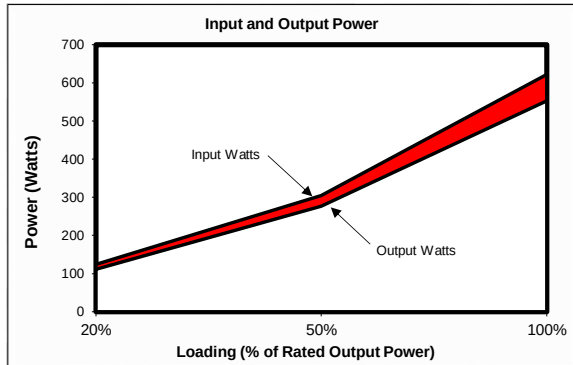
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	60/50	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (ITHD = 20.1%, 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		
0.61	0.92	16.13%	10%	64.93	12.08/3.67	12.11/0.02	3.33/1.15	5.03/1.15	5.09/0.24	55.43	85.37%
1.14	0.95	16.90%	20%	124.20	12.09/7.36	12.12/0.05	3.33/2.31	5.03/2.3	5.08/0.48	111.28	89.60%
2.75	0.96	20.10%	50%	305.10	12.06/18.39	11.99/0.12	3.33/5.77	5.03/5.72	5.03/1.2	277.12	90.83%
5.58	0.97	18.60%	100%	622.00	12.04/36.71	12.06/0.24	3.32/11.57	5.03/11.44	4.94/2.4	552.84	88.88%



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/>

