

80 PLUS Verification and Testing Report

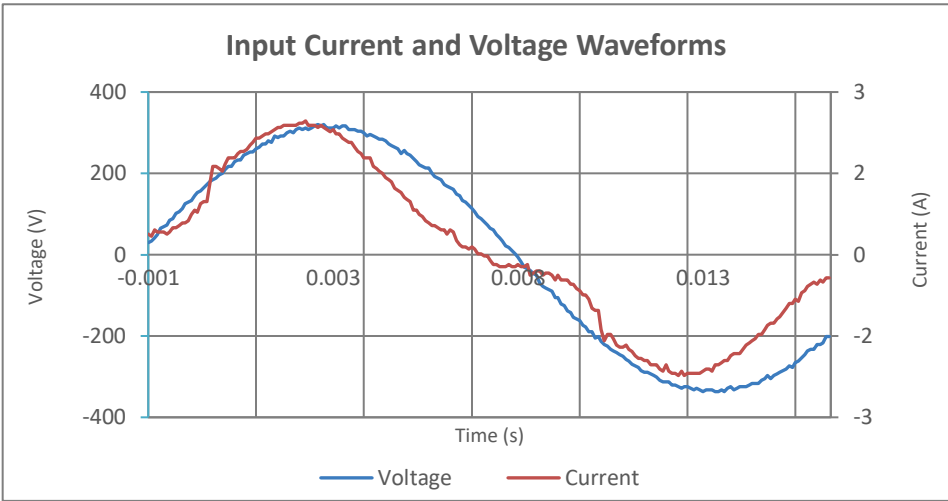
TYPICAL EFFICIENCY (50% Load):	89.00%
AVERAGE EFFICIENCY :	86.35%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-899.1
Manufacturer	Be Quiet
Model Number	S11-550W
Serial Number	N/A
Year	2022
Type	ATX12V
Test Date	6/20/22

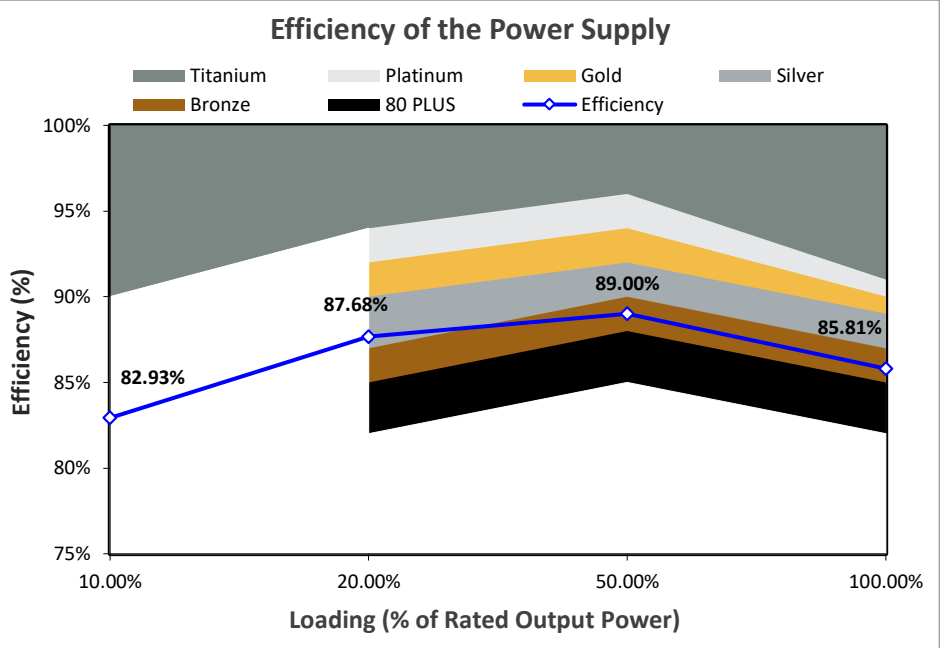
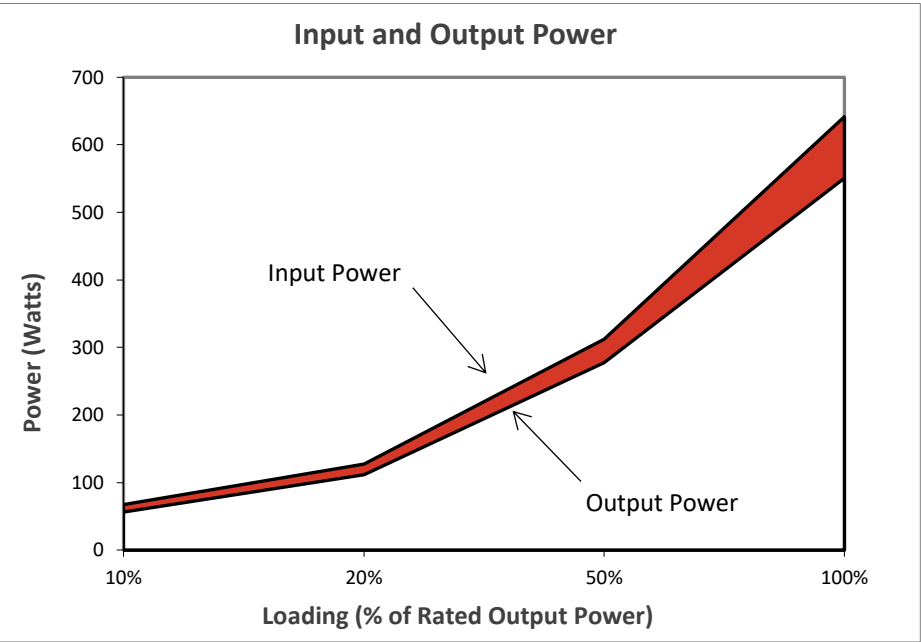
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	4	Amps
Input Frequency	50	Hz
Rated Output Power	550	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 22.07%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vstb		
0.351	0.8356	35.19%	10%	67.35	12.14/3.68	12.01/0.02	3.38/1.14	5.08/1.15	5.07/0.24	55.85	82.93%
0.610	0.9078	30.57%	20%	127.25	12.12/7.34	12.02/0.05	3.37/2.31	5.07/2.31	5.07/0.48	111.57	87.68%
1.415	0.9581	22.07%	50%	311.80	12.07/18.39	12.06/0.12	3.35/5.77	5.03/5.71	5.04/1.2	277.51	89.00%
2.853	0.9779	16.16%	100%	641.70	11.99/36.75	12.16/0.24	3.31/11.56	4.97/11.44	4.98/2.4	550.63	85.81%



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/>