

80 PLUS Verification and Testing Report

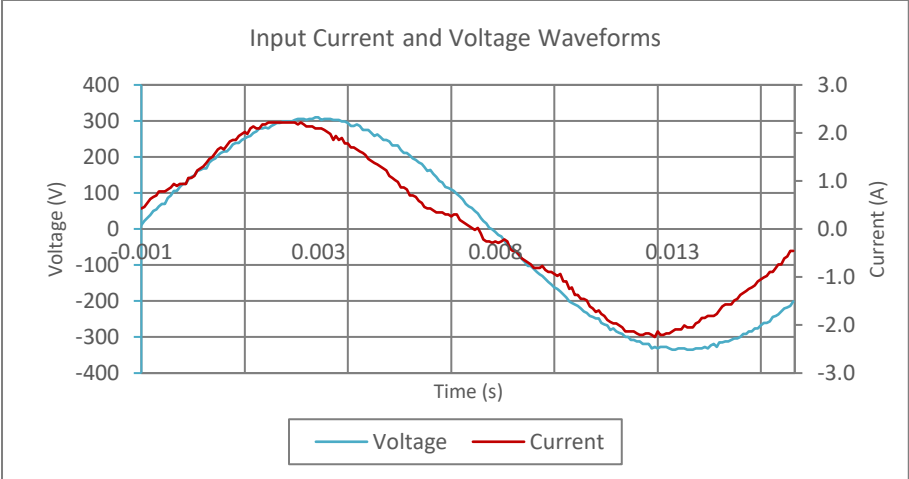
TYPICAL EFFICIENCY (50% Load):	87.13%
AVERAGE EFFICIENCY :	85.49%
80 PLUS COMPLIANT:	YES



ID Number	EU-619
Manufacturer	Aerocool Advanced Technologies Corp.
Model Number	AERO WHITE 550W
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	12/2/19

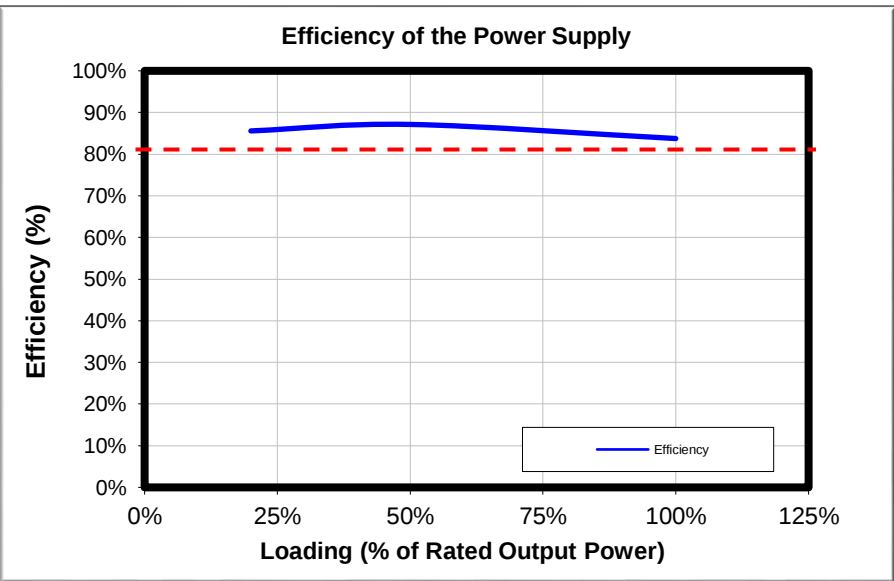
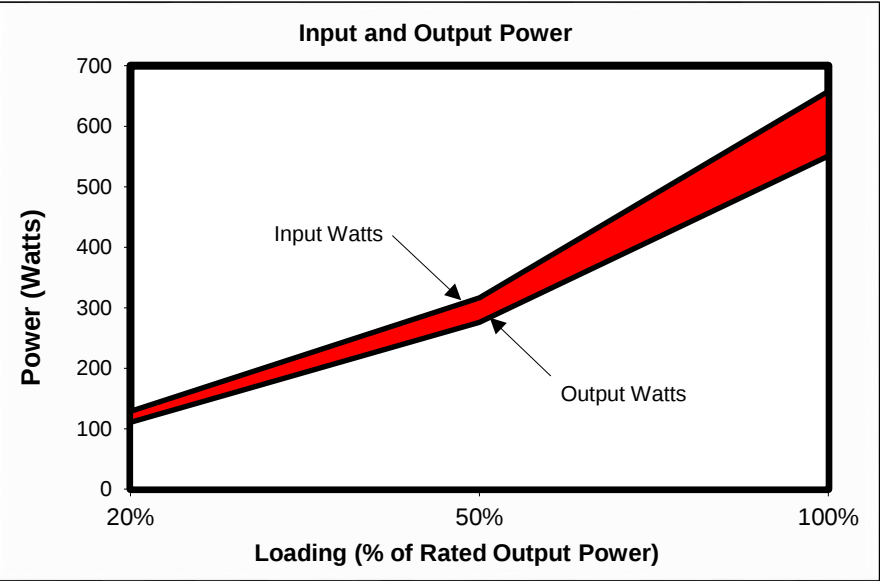
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	4.5	Amps
Input Frequency	47-63	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (ITHD = 12.78%, 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		
0.43	0.68	63.97%	10%	68.37	11.89/3.67	11.34/0.03	3.35/1.16	5.1/1.16	5.14/0.22	54.87	80.26%
0.62	0.90	25.89%	20%	128.82	11.96/7.36	11.42/0.05	3.34/2.31	5.07/2.3	5.12/0.44	110.24	85.58%
1.42	0.97	12.78%	50%	316.50	11.99/18.42	11.35/0.13	3.32/5.78	5.04/5.73	5.07/1.09	275.78	87.13%
2.92	0.98	14.78%	100%	657.50	12.03/36.76	11.2/0.26	3.28/11.58	4.97/11.46	4.98/2.18	550.63	83.75%



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/>

