

80 PLUS Verification and Testing Report

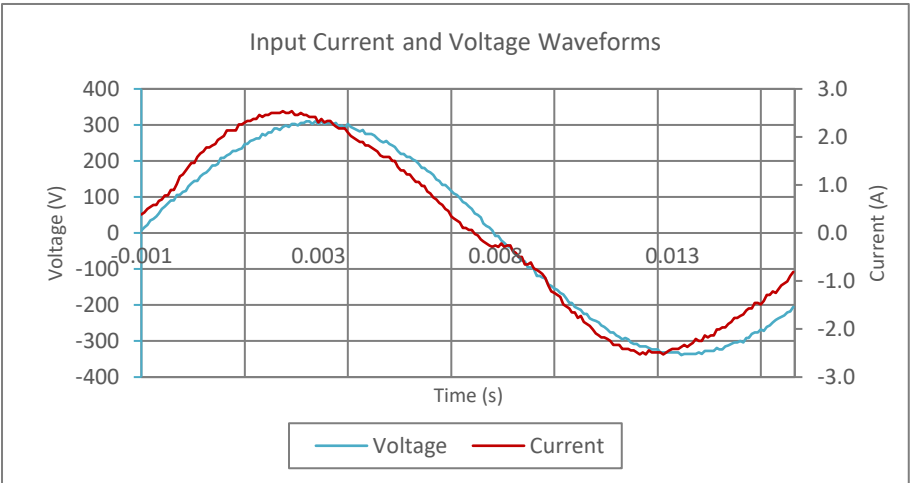
TYPICAL EFFICIENCY (50% Load):	87.79%
AVERAGE EFFICIENCY :	86.14%
80 PLUS COMPLIANT:	YES



ID Number	EU-621
Manufacturer	Aerocool Advanced Technologies Corp.
Model Number	AERO WHITE 650W
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	12/2/19

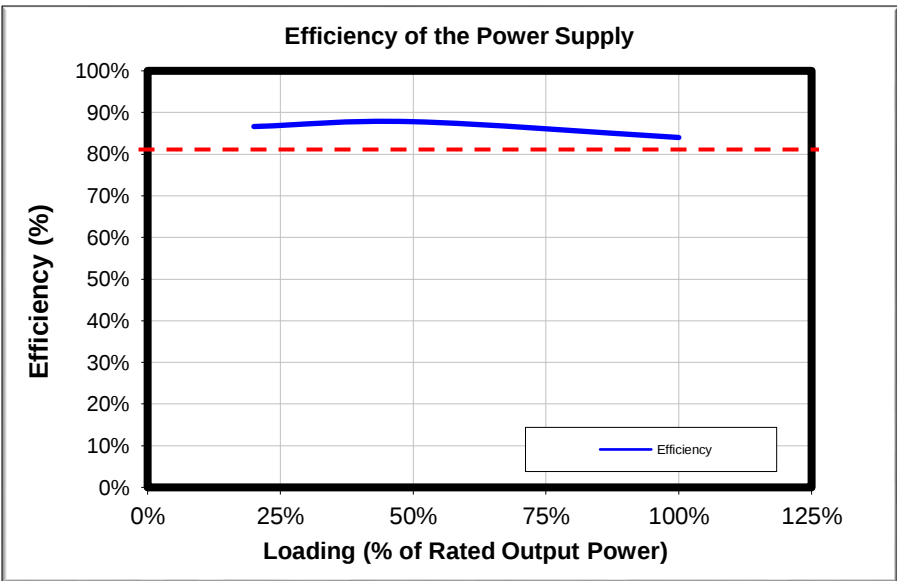
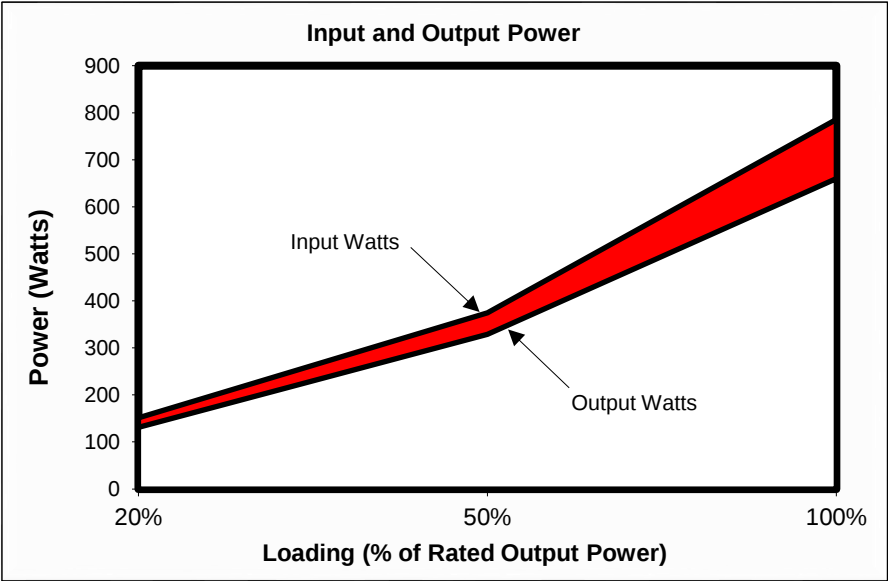
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	5	Amps
Input Frequency	47-63	Hz
Rated Output Power	650	Watts

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



Input AC Current Waveform (ITHD = 9.14%, 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		
0.48	0.72	53.48%	10%	79.92	11.98/4.43	11.51/0.03	3.37/1.26	5.15/1.26	5.12/0.22	65.25	81.64%
0.71	0.92	19.80%	20%	151.82	12.07/8.91	11.58/0.05	3.36/2.51	5.12/2.5	5.11/0.43	131.52	86.63%
1.66	0.98	9.14%	50%	375.10	12.11/22.26	11.46/0.13	3.34/6.28	5.08/6.23	5.08/1.09	329.32	87.79%
3.46	0.99	10.42%	100%	785.70	12.18/44.51	11.23/0.26	3.31/12.57	5.02/12.44	5.04/2.17	659.97	84.00%



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/>

