

80 PLUS Verification and Testing Report

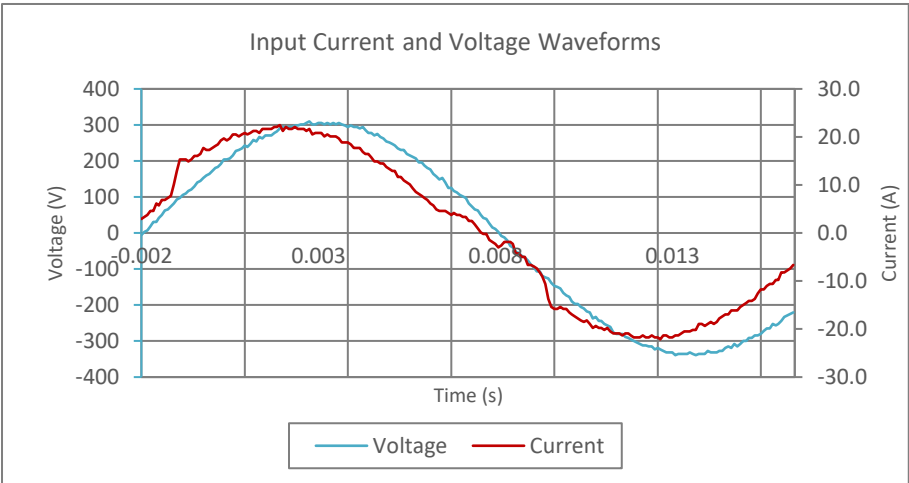
TYPICAL EFFICIENCY (50% Load):	90.59%
AVERAGE EFFICIENCY :	88.82%
80 PLUS COMPLIANT:	YES



ID Number	EU-646
Manufacturer	Aerocool Advanced Technologies Corp.
Model Number	AERO BRONZE 600W
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	3/2/20

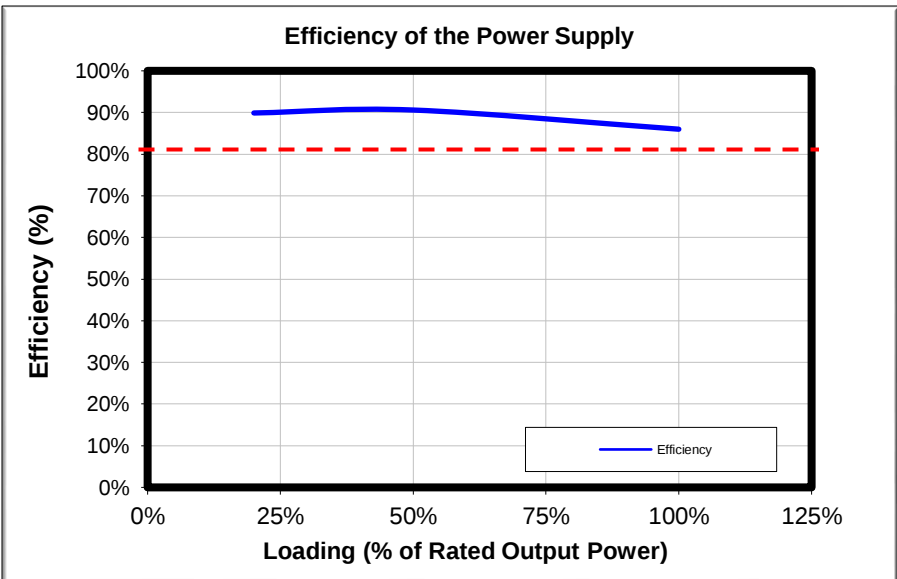
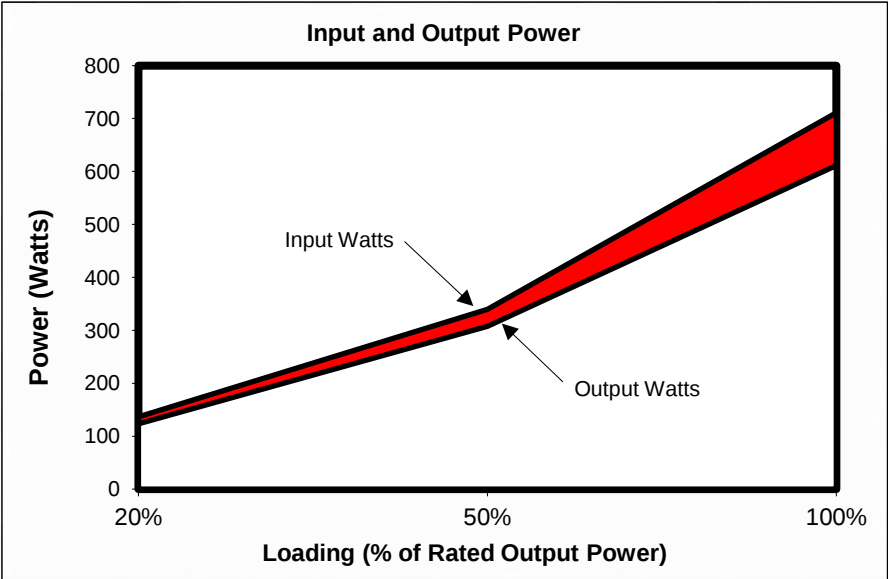
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	4.5	Amps
Input Frequency	47-63	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 10.17%, 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		
0.39	0.80	16.13%	10%	71.84	12.3/4.09	11.67/0.02	3.41/1.18	5.07/1.18	5.11/0.2	61.57	85.71%
0.66	0.91	13.96%	20%	136.87	12.29/8.17	11.63/0.05	3.41/2.36	5.06/2.35	5.11/0.41	123.02	89.88%
1.52	0.97	10.17%	50%	339.30	12.26/20.48	11.7/0.12	3.41/5.9	5.04/5.84	5.11/1.02	307.37	90.59%
3.13	0.99	4.62%	100%	711.10	12.22/40.87	11.91/0.24	3.41/11.79	5.01/11.66	5.12/2.04	611.45	85.99%



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/>

