

80 PLUS Verification and Testing Report

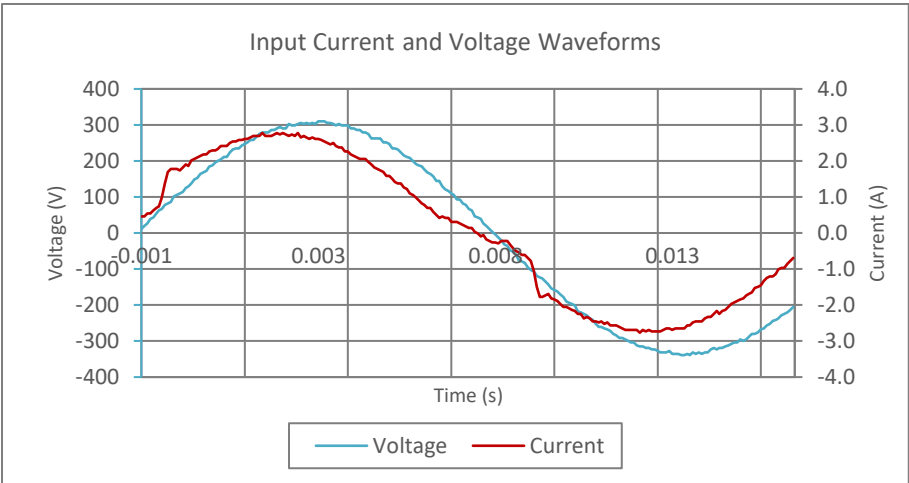
TYPICAL EFFICIENCY (50% Load):	91.11%
AVERAGE EFFICIENCY :	89.56%
80 PLUS COMPLIANT:	YES



ID Number	EU-617
Manufacturer	Aerocool Advanced Technologies Corp.
Model Number	AERO BRONZE 750W
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	12/5/19

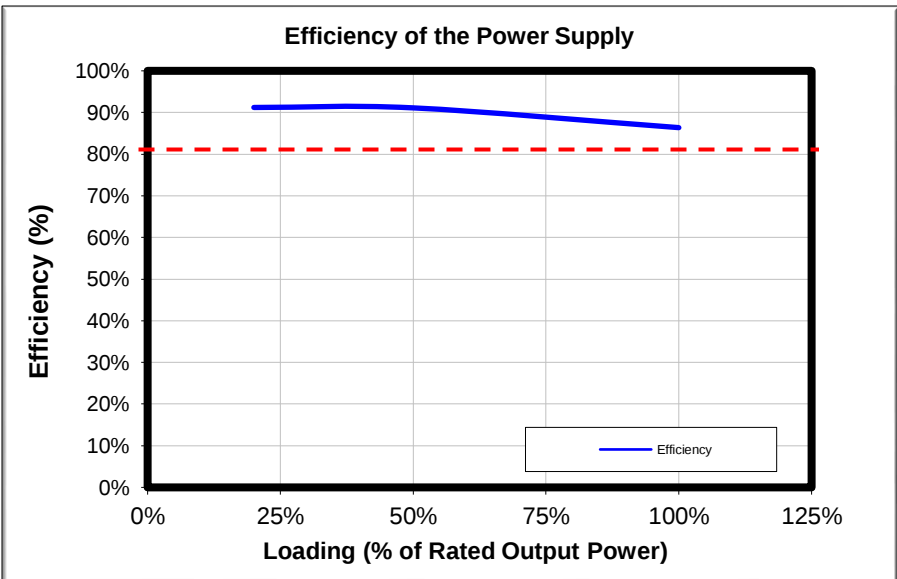
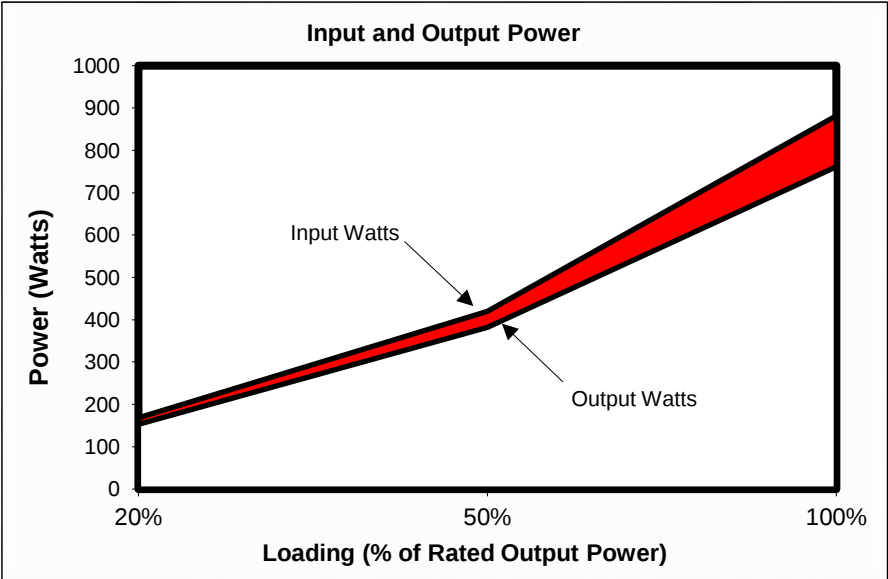
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	5.5	Amps
Input Frequency	47-63	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 10.6%, 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		
0.45	0.85	18.95%	10%	86.64	12.21/5.24	11.58/0.03	3.39/1.32	5.07/1.32	5.13/0.21	76.50	88.30%
0.79	0.92	17.49%	20%	167.90	12.2/10.5	11.58/0.05	3.39/2.64	5.07/2.62	5.12/0.42	153.14	91.21%
1.88	0.97	10.60%	50%	419.60	12.19/26.25	11.58/0.13	3.39/6.61	5.07/6.54	5.09/1.05	382.29	91.11%
3.87	0.99	4.26%	100%	881.60	12.15/52.44	11.63/0.25	3.38/13.22	5.06/13.07	5.04/2.11	761.37	86.36%



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/>

