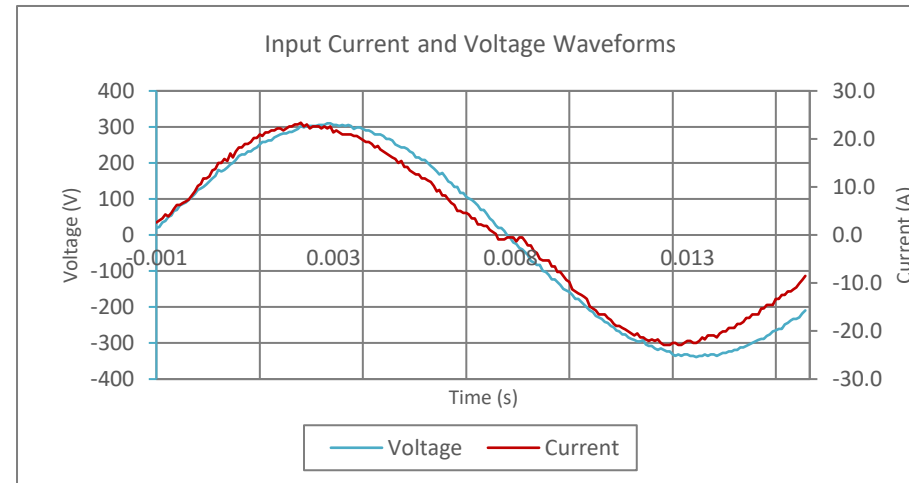


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.83%
AVERAGE EFFICIENCY :	85.09%
80 PLUS COMPLIANT:	YES



ID Number	EU-476
Manufacturer	Aerocool Advanced Technologies Corp.
Model Number	Cylon 600W
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	1/23/19

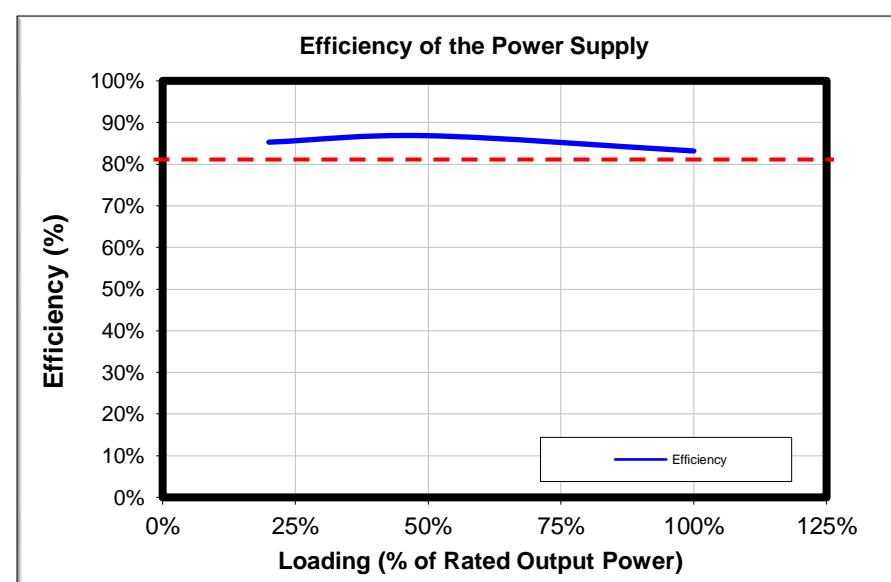
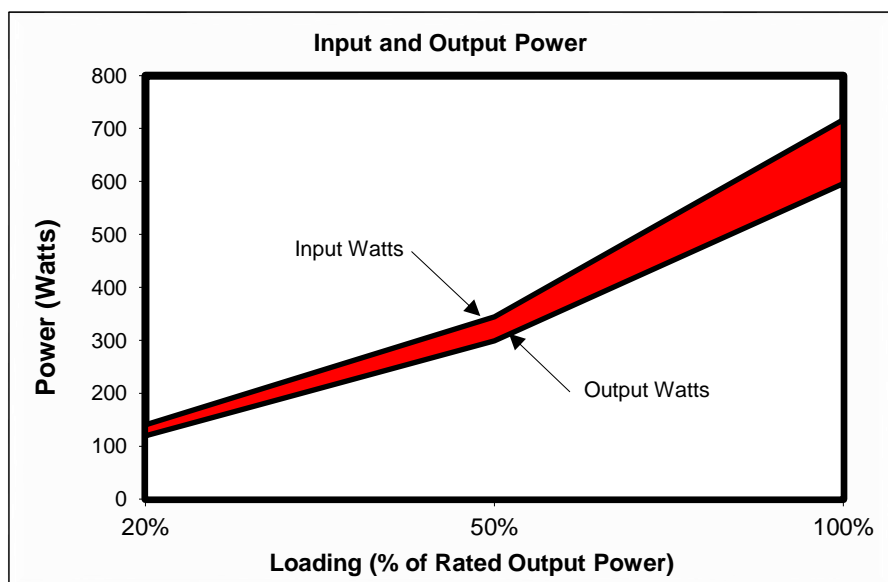


Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	4	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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

Input AC Current Waveform (ITHD = 9.45%, 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		
0.42	0.77	60.79%	10%	74.10	11.78/4.18	11.22/0.03	3.35/1.01	5.05/1.01	5.11/0.23	59.24	79.94%
0.63	0.97	20.67%	20%	139.98	11.86/8.4	11.31/0.06	3.34/2.01	5.02/2	5.08/0.46	119.37	85.28%
1.51	0.99	9.45%	50%	343.90	11.89/21	11.44/0.14	3.31/5.03	4.99/4.99	5.01/1.16	298.59	86.83%
3.14	0.99	10.03%	100%	716.80	11.92/41.9	11.62/0.28	3.26/10.08	4.93/9.97	4.89/2.32	596.08	83.16%



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/>

