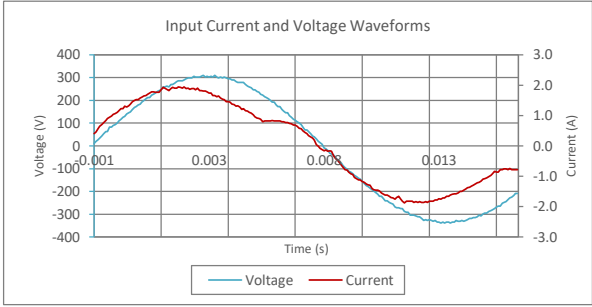


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.38%
AVERAGE EFFICIENCY :	85.00%
80 PLUS COMPLIANT:	YES



ID Number	EU-549
Manufacturer	Cougar
Model Number	XTC500
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	7/15/19

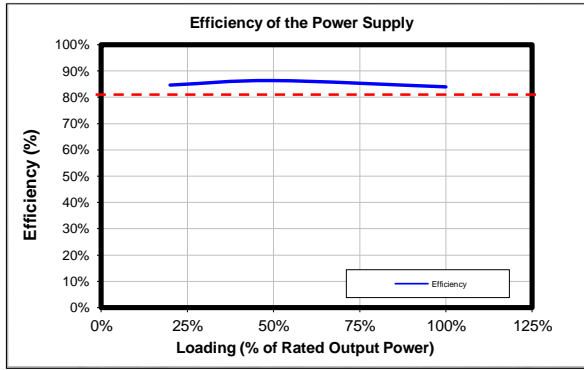
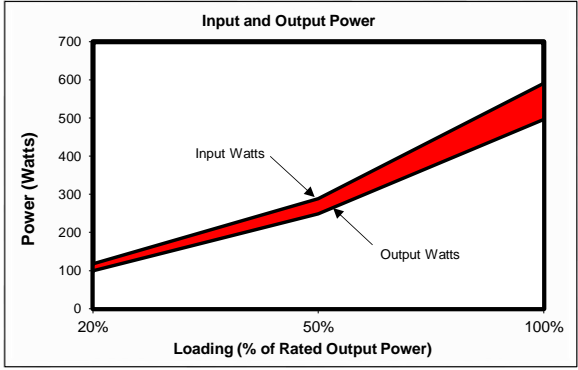


Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	5	Amps
Input Frequency	50	Hz
Rated Output Power	500	Watts

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

Input AC Current Waveform (ITHD = 12.79%, 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.)					
0.48	0.57	69.07%	10%	62.72	11.83/3.28				49.79	79.39%
0.66	0.78	55.44%	20%	118.12	11.91/6.56				99.99	84.65%
1.29	0.97	12.79%	50%	288.60	11.91/16.4				249.28	86.38%
2.62	0.98	10.39%	100%	591.00	11.89/32.76				496.30	83.98%



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/>

