

80 PLUS Verification and Testing Report

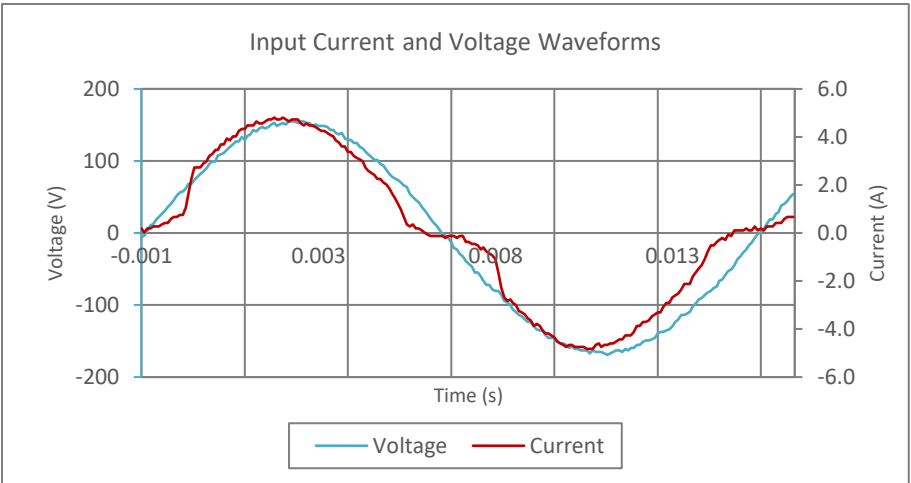
TYPICAL EFFICIENCY (50% Load):	85.13%
AVERAGE EFFICIENCY :	83.57%
80 PLUS COMPLIANT:	YES



ID Number	5567
Manufacturer	Cougar
Model Number	VTC600
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	6/11/19

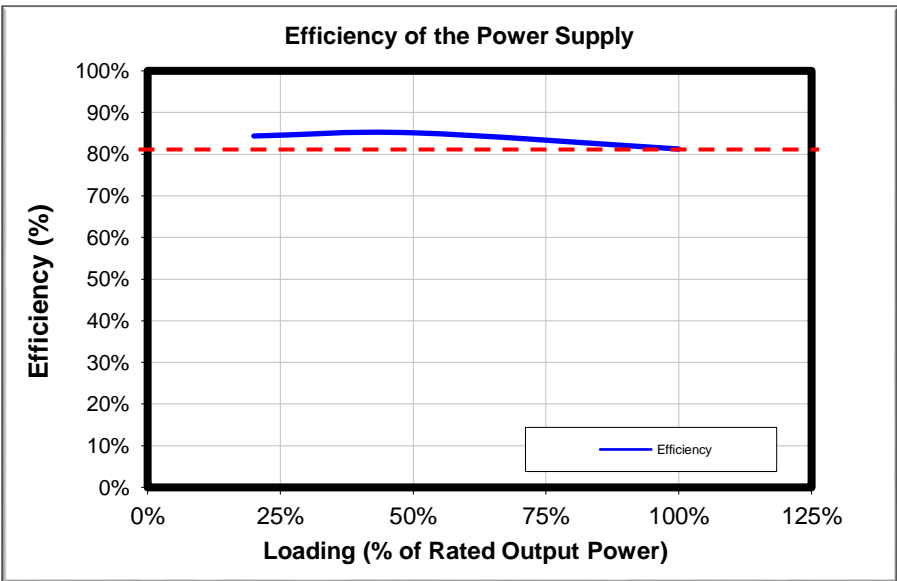
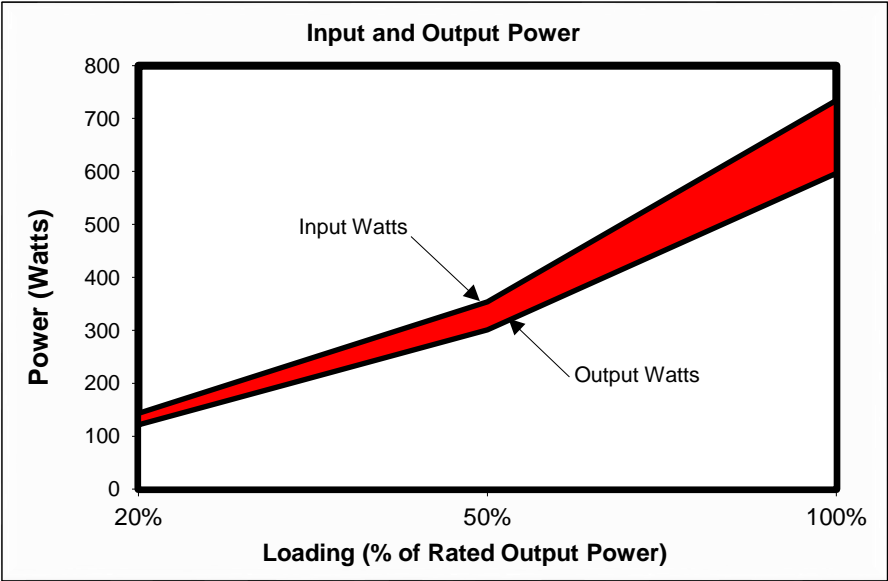
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10/5	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 16.97%, 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		
0.69	0.96	20.99%	10%	76.30	12.02/4.04	11.97/0.03	3.32/1.21	5.18/1.21	5.17/0.25	60.51	79.30%
1.27	0.98	15.00%	20%	143.40	12.01/8.09	12.02/0.05	3.31/2.43	5.17/2.42	5.16/0.5	120.96	84.35%
3.14	0.98	16.97%	50%	354.00	11.98/20.25	12.1/0.13	3.28/6.08	5.11/6.02	5.1/1.26	301.34	85.13%
6.49	0.98	15.37%	100%	734.40	11.92/40.42	12.29/0.25	3.22/12.15	5.01/12.02	5/2.52	596.62	81.24%



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/>

