

80 PLUS Verification and Testing Report

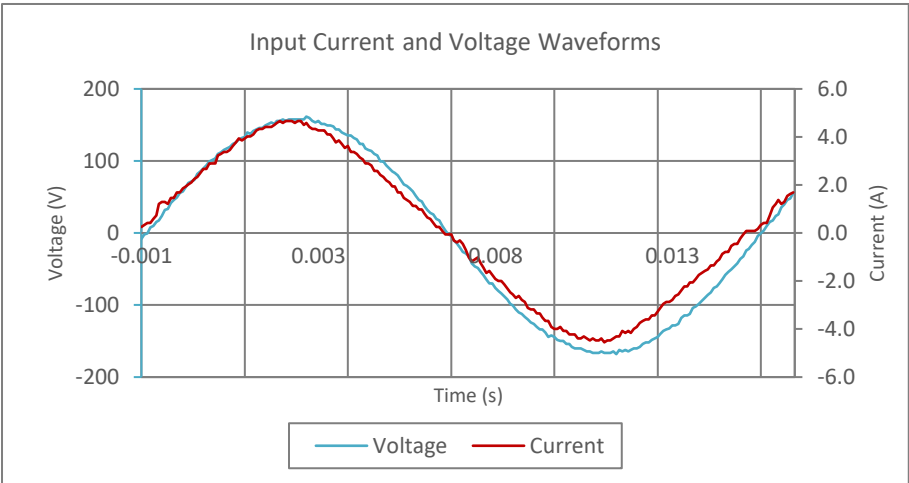
TYPICAL EFFICIENCY (50% Load):	87.78%
AVERAGE EFFICIENCY :	86.17%
80 PLUS COMPLIANT:	YES



ID Number	6504
Manufacturer	Cougar
Model Number	VTEX2 600
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	3/19/21

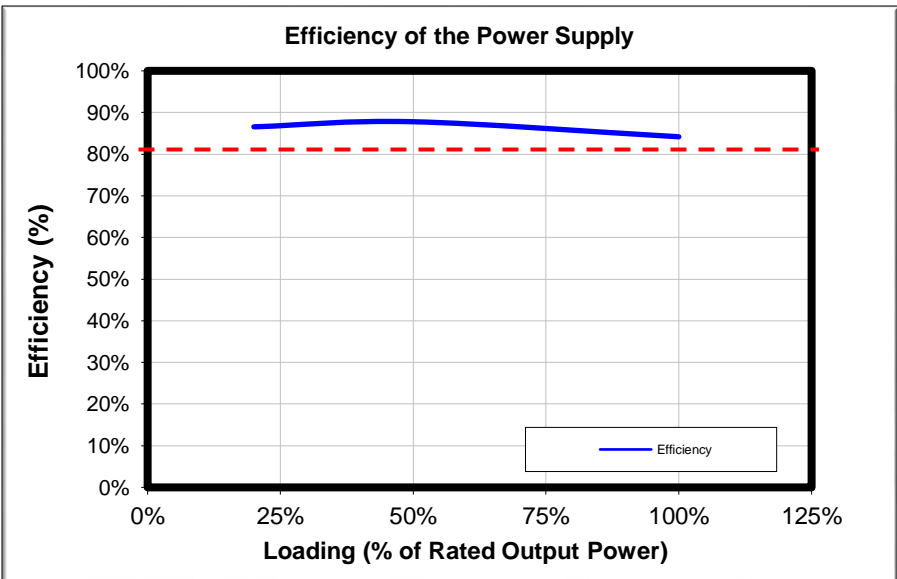
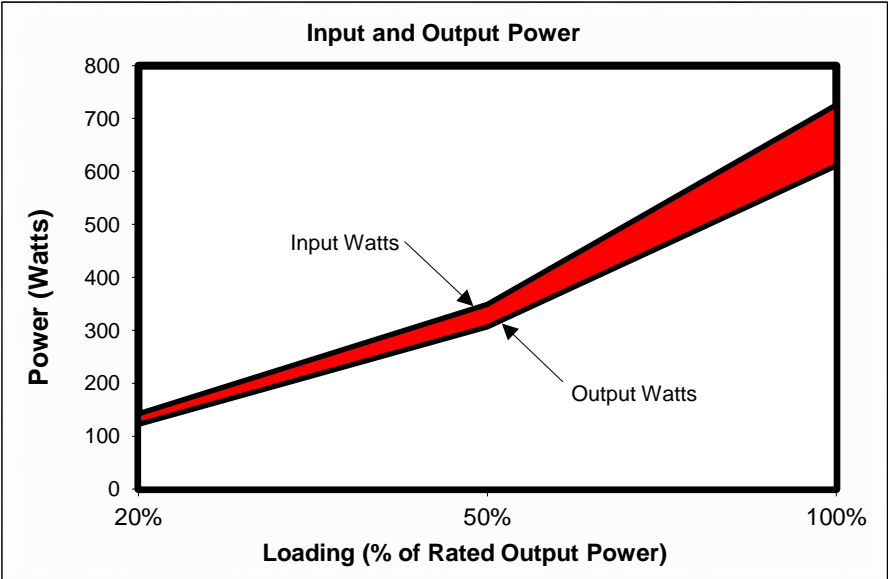
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 5.92%, 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		
0.67	0.98	8.85%	10%	74.71	12.26/4.01	12.19/0.02	3.35/1.26	5.07/1.26	5.13/0.24	61.25	81.99%
1.25	0.99	6.04%	20%	141.84	12.27/8.04	12.18/0.05	3.34/2.51	5.06/2.5	5.11/0.48	122.77	86.56%
3.05	1.00	5.92%	50%	349.20	12.27/20.12	12.21/0.12	3.31/6.28	5.03/6.23	5.06/1.2	306.52	87.78%
6.33	1.00	4.96%	100%	725.90	12.28/40.19	12.34/0.24	3.27/12.57	4.97/12.43	4.96/2.4	610.98	84.17%



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/>