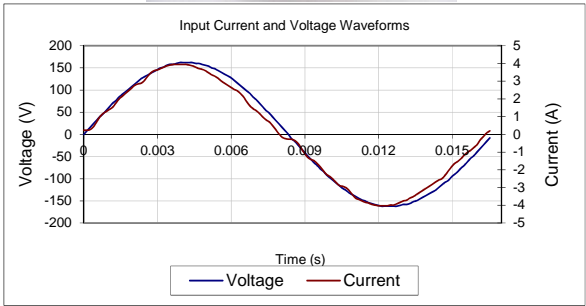


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	88.03%
AVERAGE EFFICIENCY :	86.20%
80 PLUS COMPLIANT:	YES



Ecos ID #	4528
Manufacturer	Corsair
Model Number	RPS0048 (CP-9020111) (Vengeance 550M)
Serial Number	15497192000013630102
Year	2016
Type	ATX12V
Test Date	1/22/16

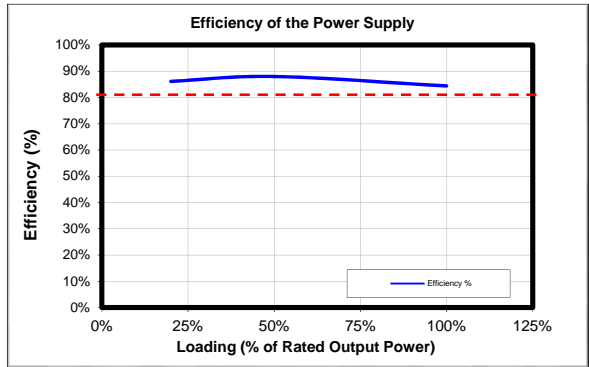
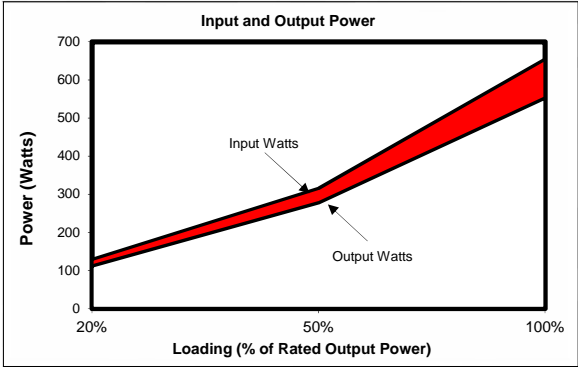


Input AC Current Waveform (ITHD = 6.29%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	47-63	Hz
Rated Output Power	550	Watts

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

I _{RMS} A	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
0.65	0.93	21.33%	10%	69.71	12.12/3.64	12.15/0.06	3.3/1.3	5.07/1.04	5.09/0.24	55.59	79.74%
1.15	0.98	13.22%	20%	129.09	12.11/7.28	12.15/0.13	3.3/2.6	5.07/2.07	5.06/0.48	111.23	86.16%
2.76	1.00	6.29%	50%	315.40	12.09/18.2	12.12/0.32	3.3/6.51	5.05/5.17	5.05/1.19	277.63	88.03%
5.71	1.00	5.17%	100%	654.50	12.06/36.32	12.11/0.63	3.3/12.98	5.05/10.34	5/2.38	552.51	84.42%



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/>

