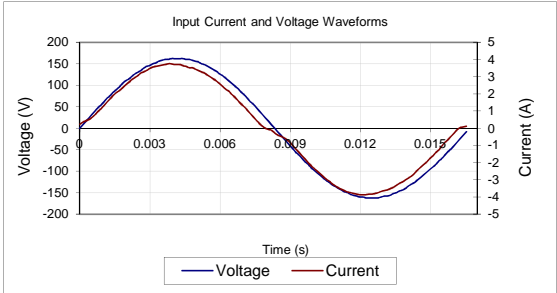


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>90.93%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>89.60%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	4426
<b>Manufacturer</b>	Corsair
<b>Model Number</b>	RPS0014 (CP-9020090) (RM550x)
<b>Serial Number</b>	1530714900001824003
<b>Year</b>	2015
<b>Type</b>	ATX12V
<b>Test Date</b>	8/18/15

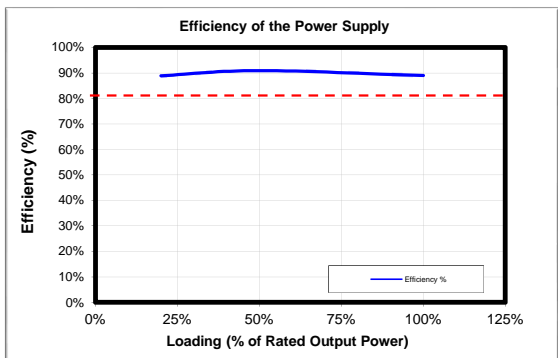
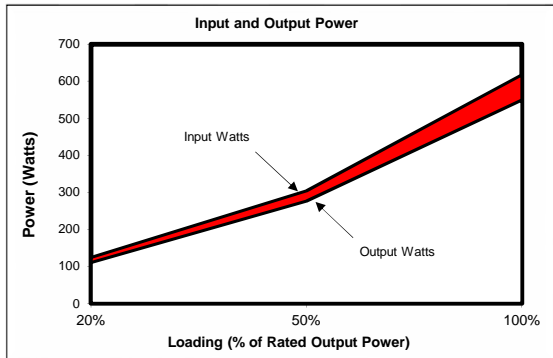


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	47-63	Hz
<b>Rated Output Power</b>	<b>550</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 7.1%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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
0.63	0.91	13.11%	10%	65.52	12.06/3.58		12.26/0.06	3.3/1.22	5.01/1.22	5.01/0.23	55.18	84.21%
1.11	0.97	6.10%	20%	124.11	12.05/7.15		12.26/0.12	3.3/2.45	5.01/2.44	5/0.47	110.34	88.90%
2.66	0.99	7.10%	50%	303.40	12.02/17.93		12.27/0.31	3.3/6.12	5.01/6.07	4.99/1.17	275.87	90.93%
5.39	1.00	6.69%	100%	617.10	11.98/35.78		12.32/0.62	3.3/12.19	5.01/12.13	4.98/2.34	549.01	88.97%



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>

