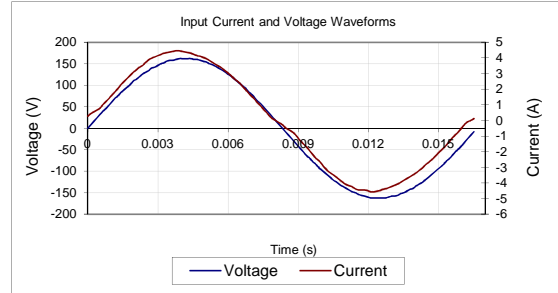


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>90.80%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>89.52%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	4427
<b>Manufacturer</b>	Corsair
<b>Model Number</b>	RPS0015 (CP-9020091) (RM650x)
<b>Serial Number</b>	1530715000018320002
<b>Year</b>	2015
<b>Type</b>	ATX12V
<b>Test Date</b>	8/18/15

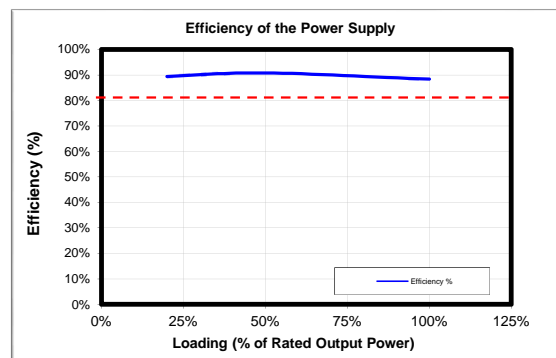
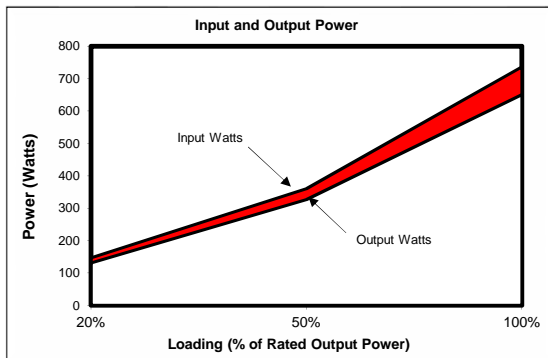


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	47-63	Hz
<b>Rated Output Power</b>	<b>650</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 5.6%, 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		
0.72	0.93	13.02%	10%	76.90	12.09/4.39	12.23/0.06	3.29/1.27	5.02/1.27	5.01/0.24	65.55	85.24%
1.31	0.98	5.04%	20%	146.77	12.08/8.79	12.23/0.13	3.29/2.54	5.02/2.53	5.01/0.49	131.22	89.41%
3.15	0.99	5.60%	50%	359.70	12.06/21.92	12.24/0.32	3.28/6.34	5.01/6.29	5/1.21	326.62	90.80%
6.42	1.00	6.44%	100%	736.00	12.02/43.75	12.29/0.65	3.28/12.64	5.01/12.57	4.98/2.43	650.20	88.34%



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>

