

## 80 PLUS Verification and Testing Report

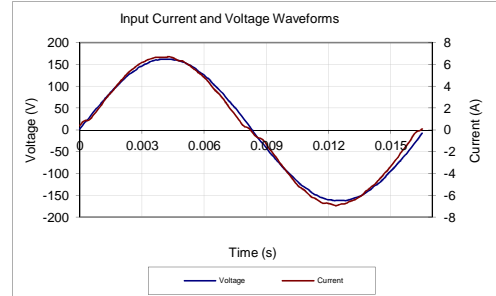
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>91.34%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>89.96%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	3745
<b>Manufacturer</b>	Corsair
<b>Model Number</b>	75-002136 (CP-9020062) (RM1000)
<b>Serial Number</b>	13287151000011000002
<b>Year</b>	2013
<b>Type</b>	ATX12V
<b>Test Date</b>	10/14/13

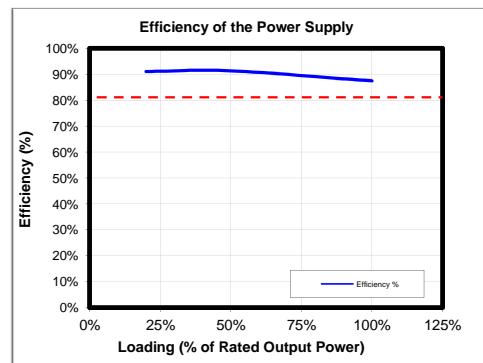
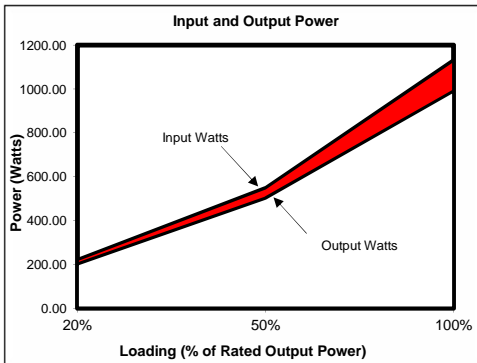
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13-6.5	Amps
Input Frequency	47-63	Hz
<b>Rated Output Power</b>	<b>1000</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 6.11%, 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		
1.01	0.98	11.73%	10%	114.32	12.1/7.1	12.3/0.1	3.3/1.5	5.1/1.5	5.1/0.3	100.76	88.14%
1.93	0.99	8.17%	20%	221.10	12/14.2	12.3/0.1	3.3/3.1	5.1/3.1	5.1/0.5	201.41	91.09%
4.79	1.00	6.11%	50%	549.20	12/35.6	12.3/0.3	3.3/7.7	5/7.6	5.1/3	501.65	91.34%
9.89	1.00	7.88%	100%	1132.60	11.9/70.9	12.3/0.7	3.3/15.3	5/15.2	4.9/2.5	990.28	87.43%



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/>

