

# 80 PLUS Verification and Testing Report

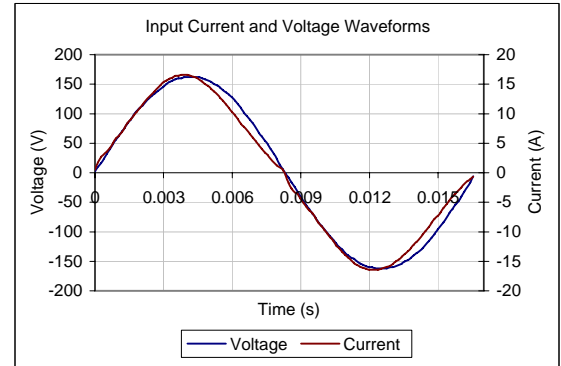


<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>88.28%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>86.00%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	683
<b>Manufacturer</b>	COOLER MASTER
<b>Model Number</b>	RS-B00-AAAA-A3
<b>Serial Number</b>	NA
<b>Year</b>	2008
<b>Type</b>	ATX12V & EPS12V
<b>Test Date</b>	5/20/2008

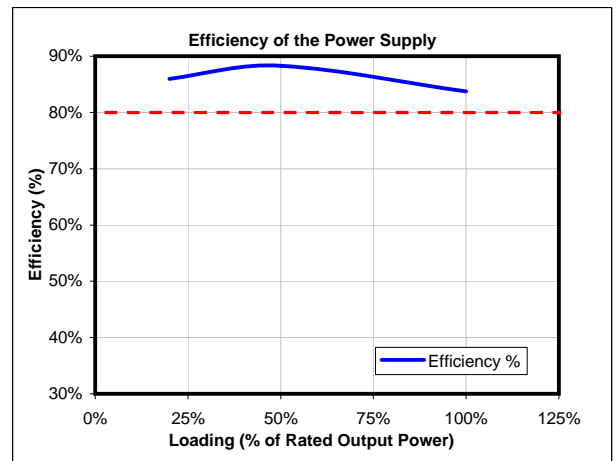
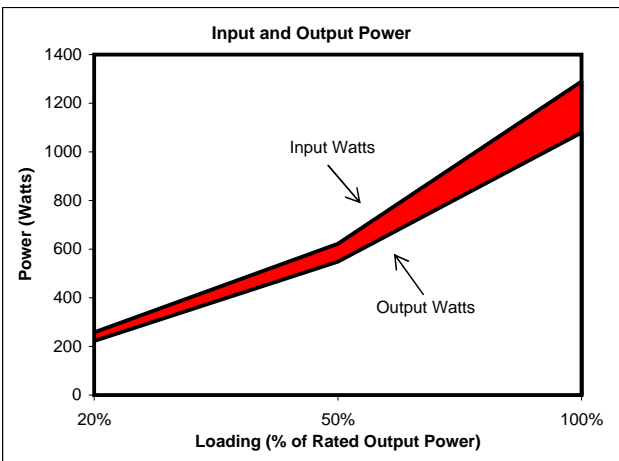
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>1100</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 6.46%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of 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
2.27	0.99	7.5%	20%	Light	258	12.1/14.9	12.2/0.1	3.3/4.4	5/4.4	5/0.9	222	85.98%
5.45	0.99	6.5%	50%	Typical	622	12/37.1	12.2/0.2	3.3/11.1	5/11.1	5/2.2	549	88.28%
11.26	1.00	5.9%	100%	Full	1289	11.8/74.1	12.2/0.4	3.2/21.9	4.9/22.1	4.8/4.4	1080	83.73%



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.



Tested by Electric Power Research Institute, Knoxville, TN.