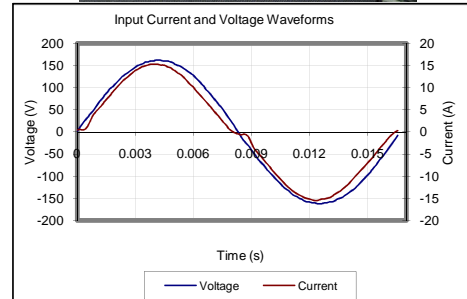


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.38%
AVERAGE EFFICIENCY :	84.72%
80 PLUS COMPLIANT:	YES



Ecos ID #	1570
Manufacturer	COOLER MASTER
Model Number	RS-A00-AMBA-J3
Serial Number	N/A
Year	2009
Type	EPS12V
Test Date	7/29/2009

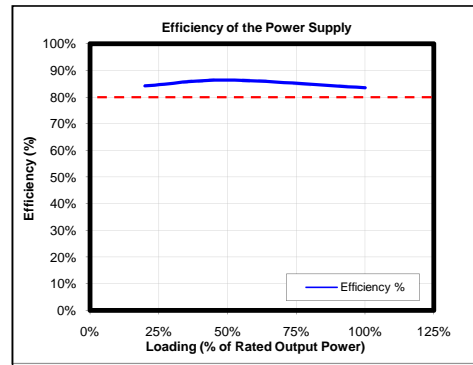
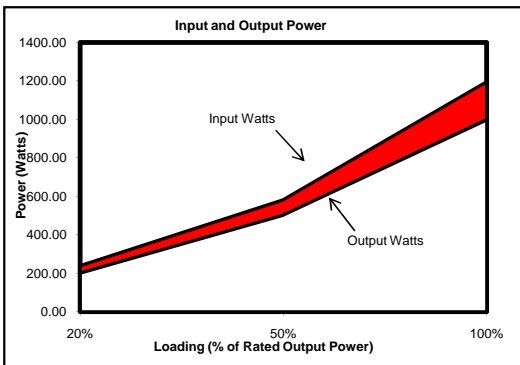


Input AC Current Waveform (ITHD = 14.91%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	14-8	Amps
Input Frequency	60-50	Hz
<b>Rated Output Power</b>	<b>1000</b>	<b>Watts</b>

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

RMS 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.)						
2.22	0.9400	32.90%	20%	Light	240.20	12.1/13.8	12.1/0	3.4/3.8	5.1/3.8	5.1/0.5	202.33	84.23%
5.14	0.9865	14.91%	50%	Typical	583.50	12.1/34.5	12.2/0.1	3.4/9.5	5.1/9.5	5/1.3	504.02	86.38%
10.45	0.9949	9.01%	100%	Full	1196.20	12/69	12.2/0.3	3.4/18.8	5/18.9	4.9/2.6	999.54	83.56%



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.