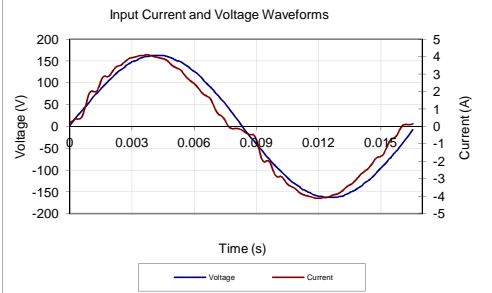


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	88.15%
AVERAGE EFFICIENCY :	84.94%
80 PLUS COMPLIANT:	YES



Ecos ID #	3524
Manufacturer	Cooler Master
Model Number	RS-550-ACAA-B1
Serial Number	N/A
Year	2013
Type	ATX12V
Test Date	4/3/13

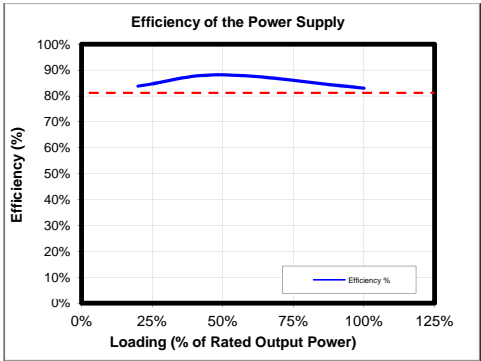
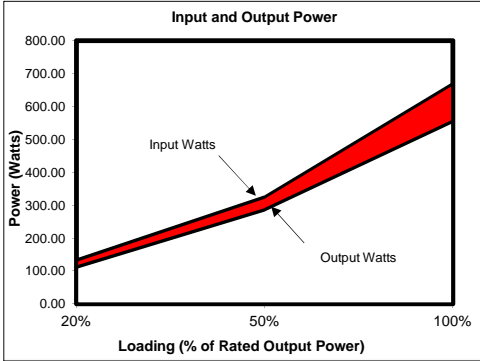


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9-4.5	Amps
Input Frequency	60-50	Hz
Rated Output Power	550	Watts

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

Input AC Current Waveform (ITHD = 9.75%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency %	
					12V (cumulative of 12V1, 12V2, etc.)						
0.65	0.95	24.10%	10%	71.28	12.2/3.7	-12V	3.3V	5V	5Vsb	55.98	78.53%
1.20	0.97	15.39%	20%	133.59	12.2/7.3	11.3/0.1	3.3/2.4	5/2.4	5.1/0.4	111.88	83.75%
2.86	0.99	9.75%	50%	325.00	12.2/18.3	11.4/0.1	3.3/6	5/5.9	12.2/1	286.49	88.15%
5.88	0.99	9.91%	100%	669.60	12.1/36.5	11.6/0.3	3.3/11.9	5/11.9	5/2.1	555.33	82.93%



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/>

