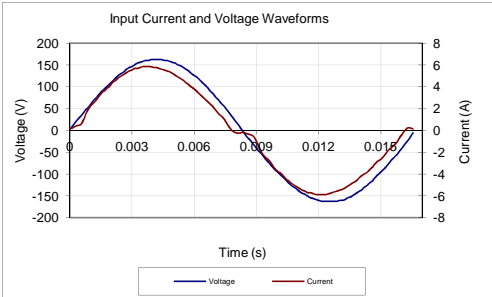


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.68%
AVERAGE EFFICIENCY :	90.32%
80 PLUS COMPLIANT:	YES



Ecos ID #	3494
Manufacturer	COOLER MASTER
Model Number	RS-850-AFBA-G1
Serial Number	RS850AFBAG11130400003
Year	2013
Type	ATX12V
Test Date	3/12/13

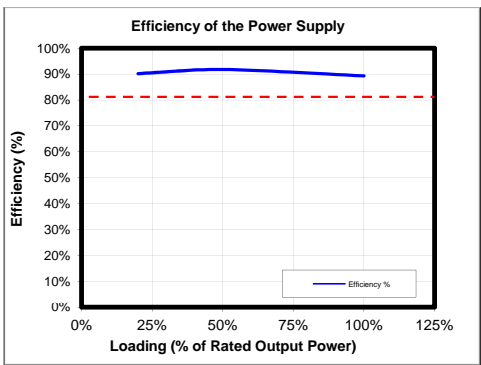
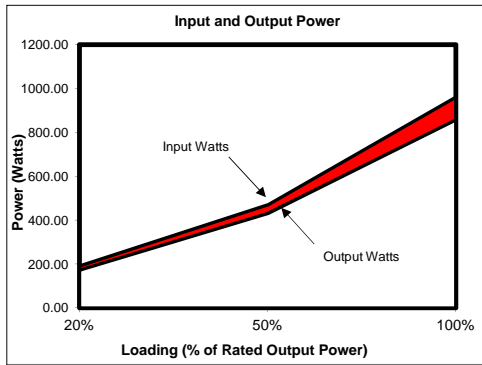


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	60-50	Hz
Rated Output Power	850	Watts

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

Input AC Current Waveform (ITHD = 8.68%, 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.)		-12V	3.3V	5V			5Vsb
0.89	0.98	7.67%	10%	100.17	12.1/6		11.9/0	3.4/1.3	5/1.3	5.1/0.3	85.95	85.80%
1.68	0.99	10.35%	20%	191.56	12.1/12.1		11.8/0.1	3.4/2.6	5/2.6	5.1/0.5	172.53	90.07%
4.11	0.99	8.68%	50%	469.80	12.1/30.3		11.8/0.2	3.4/6.5	5/6.4	5.1/1.3	430.70	91.68%
8.39	1.00	5.56%	100%	961.90	12.1/60.4		12.1/0.4	3.4/13	5/12.9	5.1/2.6	858.29	89.23%



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/>

