

# 80 PLUS Verification and Testing Report

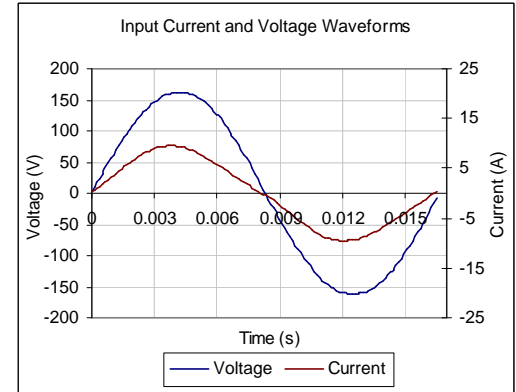
TYPICAL EFFICIENCY (50% Load):	84.49%
AVERAGE EFFICIENCY :	82.88%
80 PLUS COMPLIANT:	YES



Ecos ID #	126
Manufacturer	CoolerMaster
Model Number	RS-600-ASAA
Serial Number	5PC3806090000141S3
Year	2006
Type	ATX12V
Test Date	12/4/2006

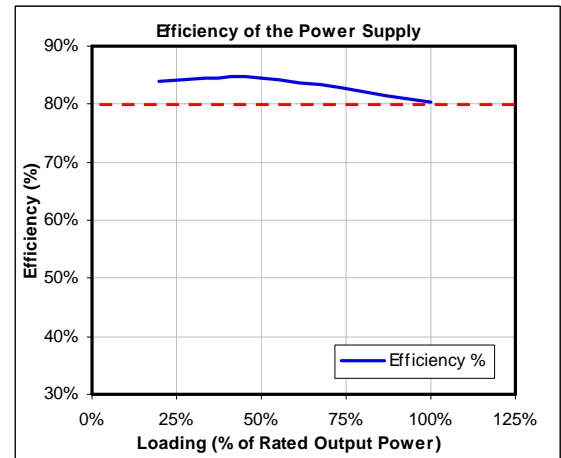
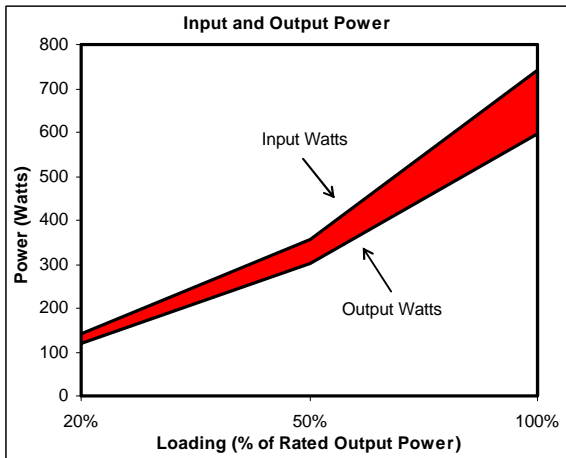
Rated Specifications	Value	Units
Input Voltage	115 - 230	Volts
Input Current	10 - 5	Amps
Input Frequency	60 - 50	Hz
<b>Rated Output Power</b>	<b>600</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 9.85%, 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 %
						12V1	12V2	12V3	-12V	3.3V	5V*	5VSB		
1.27	0.98	12.0%	20%	Light	144	12.1/3	12.1/2.6	12.0/1.5	12/0.1	3.3/3.7	5/3.7	5/0.6	120	83.84%
3.12	0.99	9.9%	50%	Typical	355	12.1/7.5	12.1/6.5	12.1/3.7	12/0.2	3.3/9.3	4.9/9.3	4.9/1.4	300	84.49%
6.50	0.99	7.6%	100%	Full	743	12.1/14.9	12.1/13.1	12.1/7.5	12.2/0.5	3.2/18.7	4.8/18.6	4.9/2.8	597	80.31%



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 EPRI Solutions Inc., Knoxville, TN.