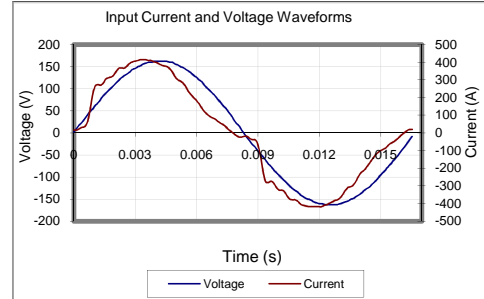


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	87.30%
AVERAGE EFFICIENCY :	85.91%
80 PLUS COMPLIANT:	YES



Ecos ID #	2203
Manufacturer	AEROCOOL ADVANCED TECHNOLOGIES CORP.
Model Number	E85M-550
Serial Number	H0904095947
Year	2010
Type	ATX12V
Test Date	9/17/2010

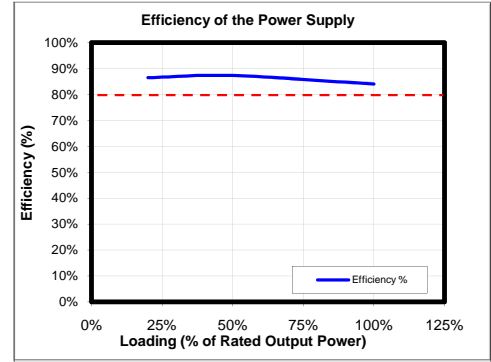
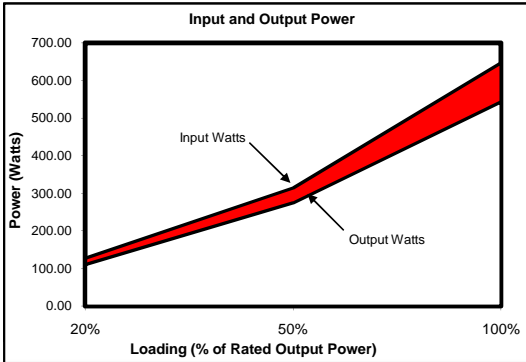


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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

Input AC Current Waveform (ITHD = 15.9%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
						12V (cumulative of 12V1, 12V2, etc.)						
1.15	0.97	12.62%	20%	Light	127.83	12/7.2					110.53	86.46%
2.85	0.96	15.90%	50%	Typical	314.80	12/17.9					274.83	87.30%
5.72	0.98	9.03%	100%	Full	647.40	11.8/35.8					543.59	83.97%



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/>

