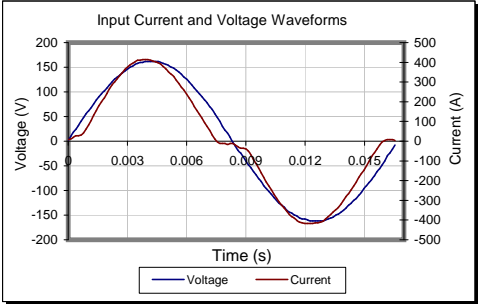


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>92.88%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>91.84%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	2205.1
<b>Manufacturer</b>	KINGWIN
<b>Model Number</b>	LXP-550
<b>Serial Number</b>	S1008005002
<b>Year</b>	2010
<b>Type</b>	EPS12V
<b>Test Date</b>	9/21/2010

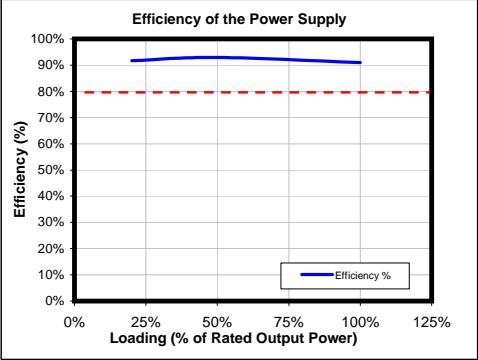
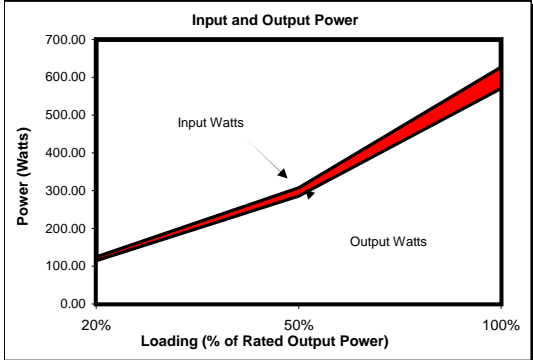


Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	10	Amps
Input Frequency	60/50	Hz
<b>Rated Output Power</b>	<b>550</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 18.2%, 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 %
						12V (cumulative of 12V1, 12V2, etc.)					
1.13	0.96	24.04%	20%	Light	124.85	12.3/0.1	3.5/1.6	5.2/1.6	5.2/0.4	114.41	91.64%
2.73	0.98	18.20%	50%	Typical	307.40	12.2/0.2	3.5/3.9	5.2/3.9	5.2/1.1	285.50	92.88%
5.51	0.99	12.36%	100%	Full	626.90	12.2/0.4	3.4/7.8	5.2/7.9	5.2/2.2	570.44	90.99%



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/>

