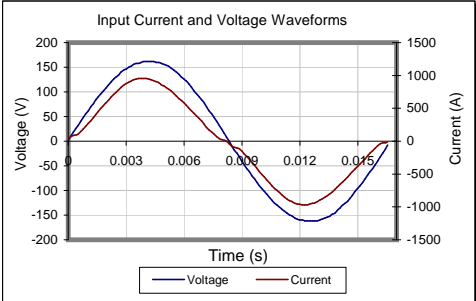


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>91.88%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>90.62%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	2330.1
<b>Manufacturer</b>	KINGWIN
<b>Model Number</b>	LZG-1300
<b>Serial Number</b>	N/A
<b>Year</b>	2010
<b>Type</b>	EPS12V
<b>Test Date</b>	12/1/2010

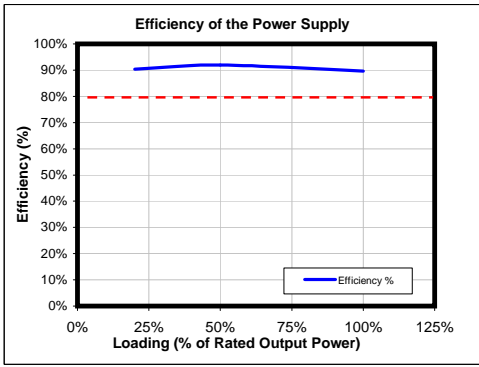
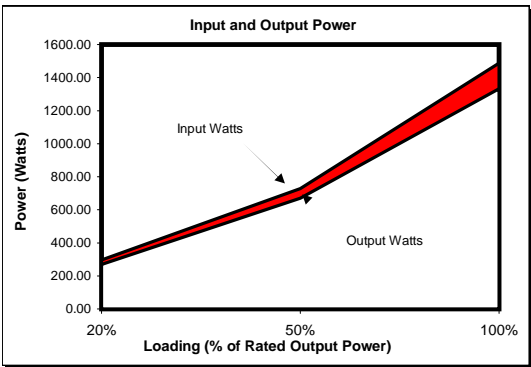


Input AC Current Waveform (ITHD = 11.61%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	20	Amps
Input Frequency	60/50	Hz
<b>Rated Output Power</b>	<b>1300</b>	<b>Watts</b>

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

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.)					
2.64	0.98	18.53%	20%	Light	297.30	12.4/19.6				268.62	90.35%
6.38	0.99	11.61%	50%	Typical	728.70	12.3/49				669.55	91.88%
13.02	0.99	9.36%	100%	Full	1487.60	12.3/97.9				1333.12	89.62%



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/>

