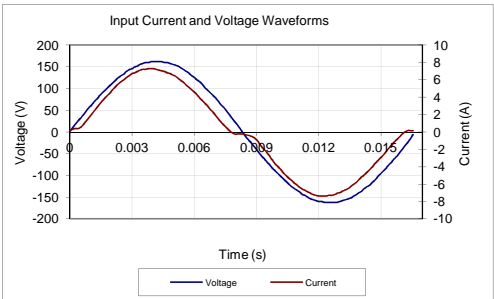


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.64%
AVERAGE EFFICIENCY :	91.27%
80 PLUS COMPLIANT:	YES



Ecos ID #	2394.1
Manufacturer	Kingwin
Model Number	LZP-1000
Serial Number	S1012026642
Year	2011
Type	EPS12V
Test Date	1/7/2011

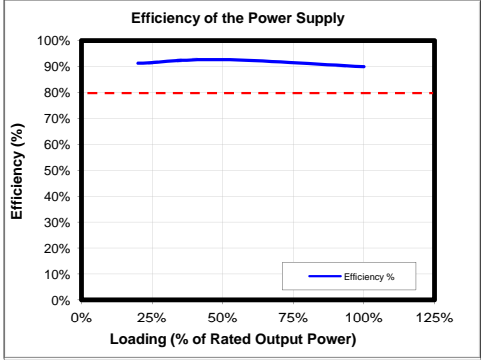
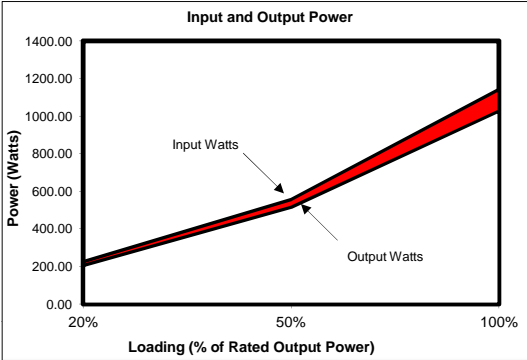


Input AC Current Waveform (ITHD = 13.09%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	15	Amps
Input Frequency	60/50	Hz
<b>Rated Output Power</b>	<b>1000</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.)						
2.00	0.99	11.62%	20%	Light	226.60	12.4/14.9	12.3/0.1	3.4/2.2	5.2/2.2	5.1/0.5	206.74	91.24%
4.90	0.99	13.09%	50%	Typical	557.30	12.4/37.4	12.2/0.2	3.4/5.4	5.1/5.4	5.1/1.1	516.26	92.64%
10.10	0.98	9.12%	100%	Full	1143.80	12.3/74.6	12.1/0.5	3.4/10.8	5.1/10.8	5/2.2	1028.64	89.93%



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/>

