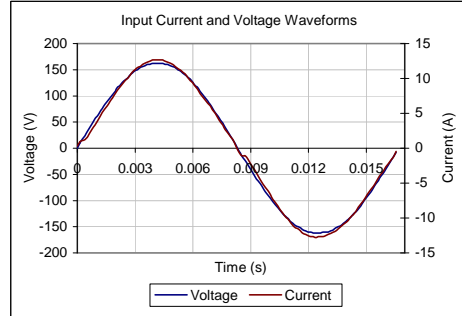


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	87.06%
AVERAGE EFFICIENCY :	85.27%
80 PLUS COMPLIANT:	YES



Ecos ID #	1017.1
Manufacturer	KINGWIN
Model Number	LZ-850
Serial Number	S0809006798
Year	2008
Type	ATX12V
Test Date	10/9/2008

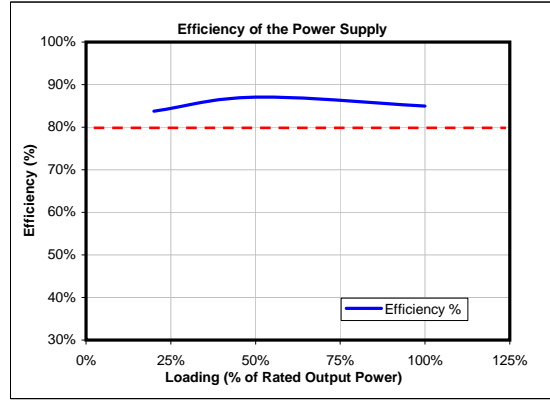
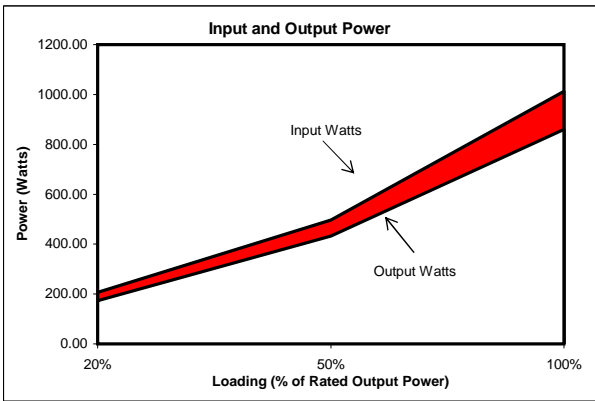


Input AC Current Waveform (ITHD = 5.55%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	15	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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

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.)	-12V	3.3V	5V*	5VSB		
1.81	0.9947	5.66%	20%	Light	206.90	12.2/11.4	12.1/0.1	3.4/3	5.2/3.7	5.1/0.8	173.36	83.79%
4.33	0.9976	5.55%	50%	Typical	496.92	12.2/28.5	12/0.2	3.4/7.4	5.2/9.2	5/2.1	432.62	87.06%
8.83	0.9978	4.65%	100%	Full	1012.80	12.1/56.9	11.8/0.4	3.4/14.8	5.2/18.5	5/4.2	860.41	84.95%



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/>

