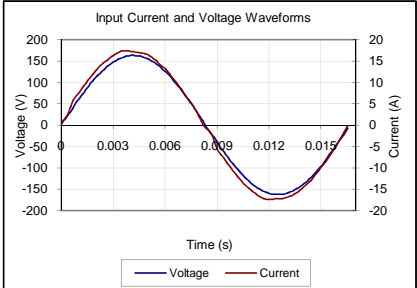


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.53%
AVERAGE EFFICIENCY :	88.93%
80 PLUS COMPLIANT:	YES



Ecos ID #	1473
Manufacturer	CHINA GREAT WALL COMPUTER SHENZHEN CO., LTD.
Model Number	GW-EPS1250DA(90+)
Serial Number	N/A
Year	2009
Type	EPS12V
Test Date	6/5/2009

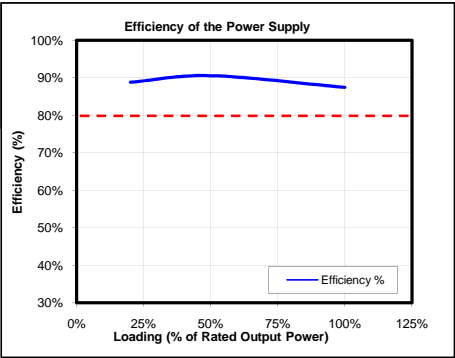
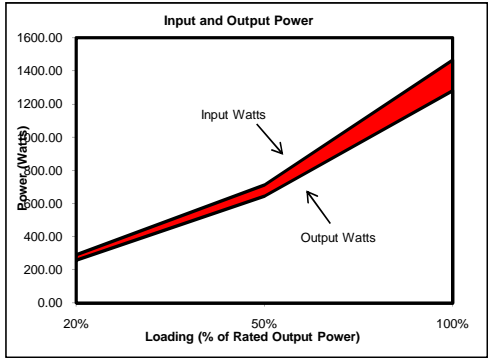


Input AC Current Waveform (THD = 5.47%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	16-8	Amps
Input Frequency	60/50	Hz
Rated Output Power	1250	Watts

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.)	-12V	3.3V	5V*			5VSB
2.57	0.9855	14.29%	20%	Light	291.30	12.4/18.1	11.8/0.1	3.4/3.5	5.2/3.5	5.1/0.5	258.67	88.80%
6.21	0.9974	5.47%	50%	Typical	712.40	12.4/45.2	11.8/0.3	3.3/8.8	5.2/8.8	5.1/1.3	644.92	90.53%
12.74	0.9993	2.22%	100%	Full	1465.80	12.3/90.4	11.8/0.5	3.3/17.6	5.2/17.7	5.1/2.6	1281.93	87.46%



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/>

