

80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	84.68%
AVERAGE EFFICIENCY :	83.04%
80 PLUS COMPLIANT:	YES

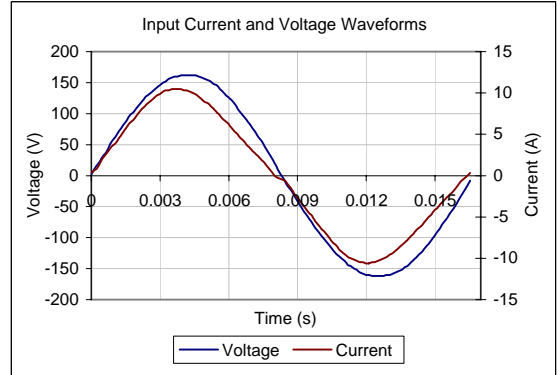
Ecos ID #	279.1
Manufacturer	LIAN LI
Model Number	PS-A650GB
Serial Number	NA
Year	2007
Type	ATX12V
Test Date	6/22/2007

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	700*	Watts

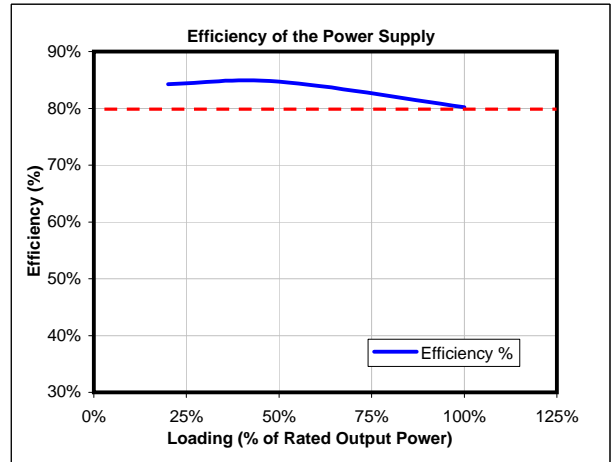
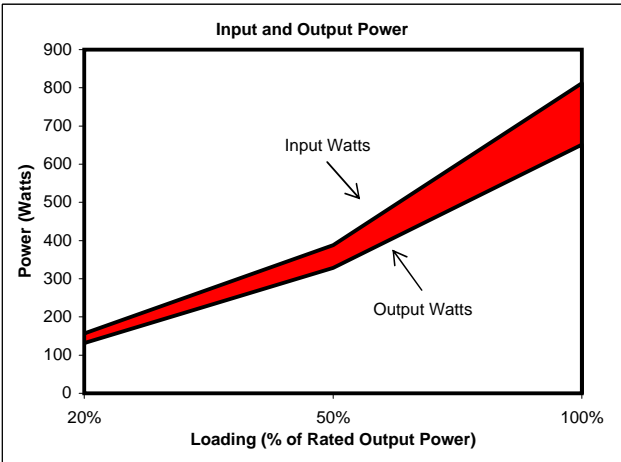
Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.

***Actual Max Rated Watts: 650W**

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		
1.39	0.98	12.6%	20%	Light	156	12.2/8	12/0.2	3.4/3.5	5/3.5	5.1/0.7	132	84.24%
3.42	0.99	10.6%	50%	Typical	388	12.2/19.9	12/0.4	3.3/8.7	5/8.7	5.1/1.8	328	84.68%
7.11	0.99	8.1%	100%	Full	812	12.1/39.8	11.5/0.8	3.3/17.4	4.9/17.5	4.9/3.5	651	80.18%



Input AC Current Waveform (ITHD = 10.63%, 50% Load)



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.



Tested by Electric Power Research Institute, Knoxville, TN.