

80 PLUS Verification and Testing Report

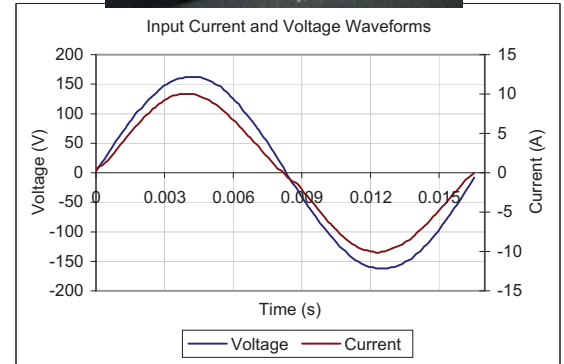
TYPICAL EFFICIENCY (50% Load):	85.43%
AVERAGE EFFICIENCY :	83.44%
80 PLUS COMPLIANT:	YES



Ecos ID #	1098
Manufacturer	ASUS
Model Number	U-65GA
Serial Number	NA
Year	2008
Type	ATX12V
Test Date	11/4/2008

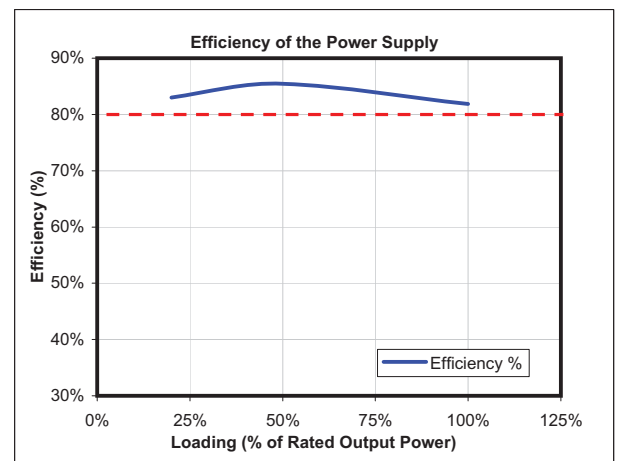
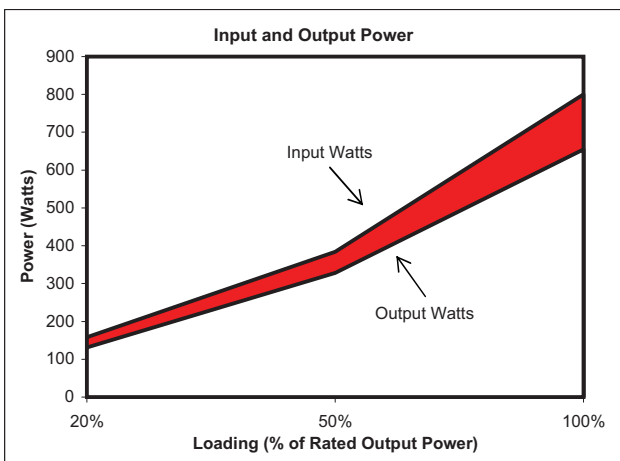
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	47-63	Hz
Rated Output Power	650	Watts

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



Input AC Current Waveform (ITHD = 7.44%, 50% Load)

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		
1.40	0.99	11.5%	20%	Light	158	12.1/8.2	12/0.1	3.4/3.5	5.1/3.5	5/0.5	131	83.02%
3.36	1.00	7.4%	50%	Typical	384	12.1/20.4	12.1/0.2	3.3/8.7	5.1/8.7	5/1.1	328	85.43%
6.98	1.00	6.0%	100%	Full	800	12.1/40.8	12.1/0.4	3.3/17.3	5.1/17.4	5/2.3	655	81.



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/>

