

80 PLUS Verification and Testing Report

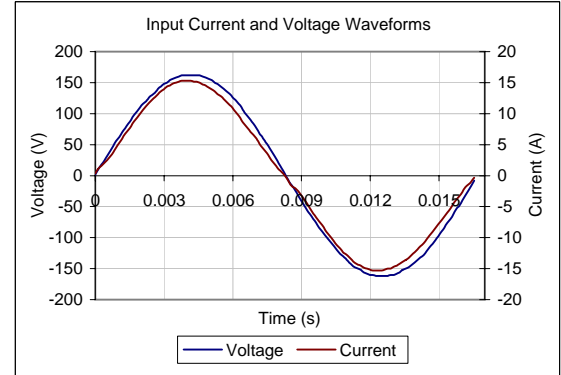
TYPICAL EFFICIENCY (50% Load): 88.61%
AVERAGE EFFICIENCY : 87.01%
80 PLUS COMPLIANT: YES



Ecos ID #	698.1
Manufacturer	ENERMAX
Model Number	Revolution 1050W
Serial Number	NA
Year	2008
Type	ATX12V & EPS12V
Test Date	5/29/2008

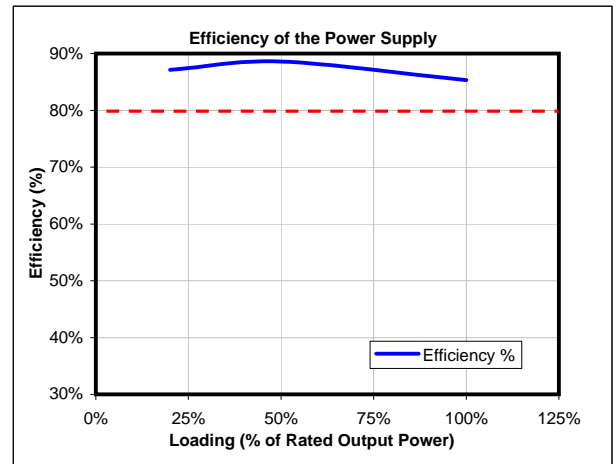
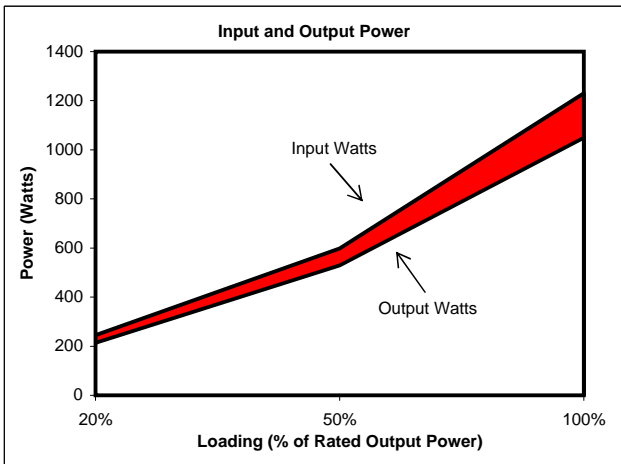
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	50-60	Hz
Rated Output Power	1050	Watts

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



Input AC Current Waveform (ITHD = 5.15%, 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		
2.15	0.99	13.9%	20%	Light	245	48.8/14.6	11.5/0.1	3.3/3.5	5/3.5	5.1/1	214	87.11%
5.21	1.00	5.2%	50%	Typical	598	48.5/36.5	11.5/0.2	3.2/8.7	5/8.6	5/2.5	530	88.61%
10.70	1.00	4.5%	100%	Full	1230	48.2/73	11.7/0.5	3.2/17.2	4.9/17.3	4.9/5.1	1049	85.30%



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.