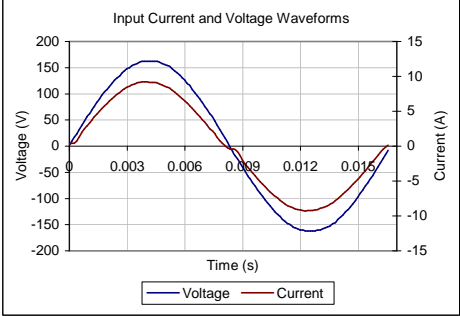


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.05%
AVERAGE EFFICIENCY :	89.27%
80 PLUS COMPLIANT:	YES



Ecos ID #	1356
Manufacturer	ENERMAX TECHNOLOGY CORPORATION
Model Number	EDM650AWT
Serial Number	902001033
Year	2009
Type	ATX12V
Test Date	3/30/2009

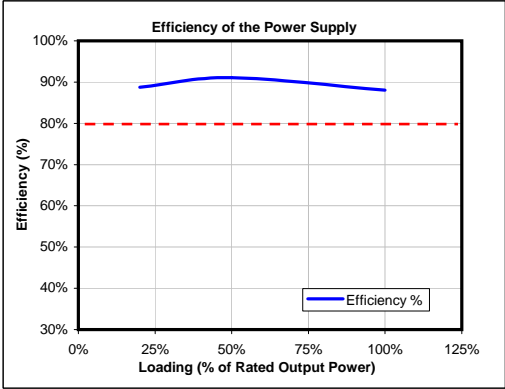
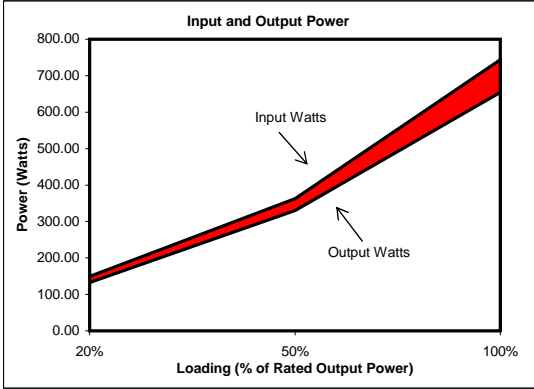


Input AC Current Waveform (ITHD = 11.01%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-3.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	650	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		
1.33	0.9751	20.49%	20%	Light	149.61	12.2/8.9	11.8/0.1	3.4/2.4	5.1/2.4	5.2/0.5	132.75	88.73%
3.18	0.9921	11.01%	50%	Typical	362.50	12.2/22.3	12/0.2	3.4/5.9	5.1/5.9	5.2/1.2	330.06	91.05%
6.48	0.9976	5.48%	100%	Full	743.40	12.1/44.6	12.5/0.4	3.3/11.9	5.1/11.9	5.1/2.5	654.38	88.03%



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.