

80 PLUS Verification and Testing Report

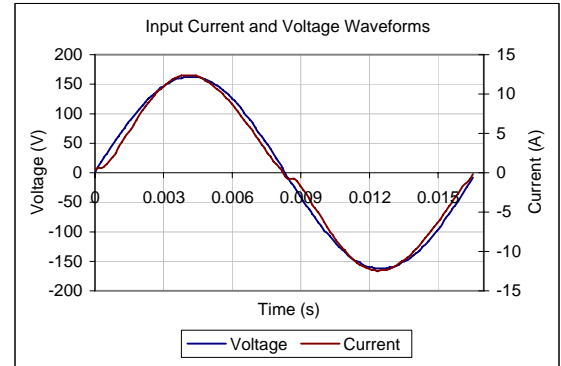


TYPICAL EFFICIENCY (50% Load):	84.48%
AVERAGE EFFICIENCY :	82.45%
80 PLUS COMPLIANT:	YES

Ecos ID #	685
Manufacturer	AXP
Model Number	AXP-800R14HE
Serial Number	NA
Year	2008
Type	ATX12V & EPS12V
Test Date	1/8/2008

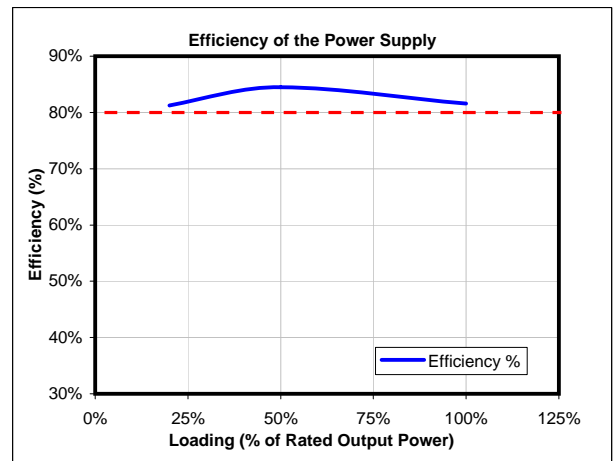
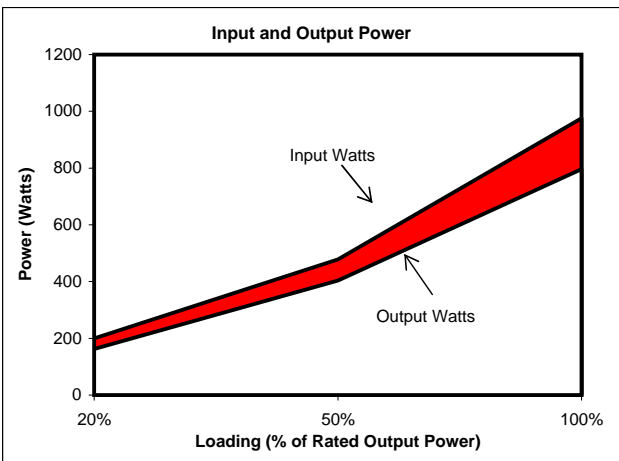
Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	12	Amps
Input Frequency	50-60	Hz
Rated Output Power	800	Watts

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



Input AC Current Waveform (ITHD = 10.2%, 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
1.75	1.00	5.3%	20%	Light	200	12.2/10.5	11.9/0.1	3.4/2.9	5.1/3.6	5/1	163	81.27%
4.18	0.99	10.2%	50%	Typical	478	12.1/26.4	11.9/0.2	3.4/7.3	5.1/9.1	4.9/2.4	404	84.48%
8.52	1.00	8.2%	100%	Full	976	11.9/52.7	11.9/0.5	3.3/14.6	5/18.2	4.7/4.8	796	81.60%



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.