

80 PLUS Verification and Testing Report

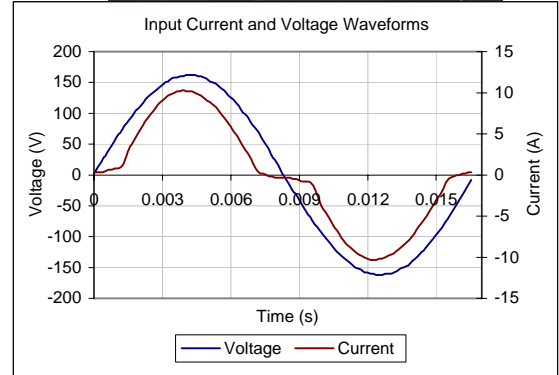


TYPICAL EFFICIENCY (50% Load):	86.87%
AVERAGE EFFICIENCY :	85.19%
80 PLUS COMPLIANT:	YES

Ecos ID #	1169.2
Manufacturer	RECOM
Model Number	RC-ProE-A600
Serial Number	N/A
Year	2008
Type	ATX12V & EPS12V
Test Date	12/1/2008

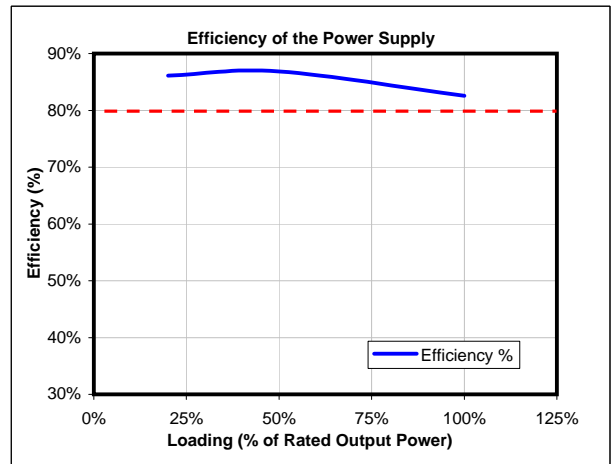
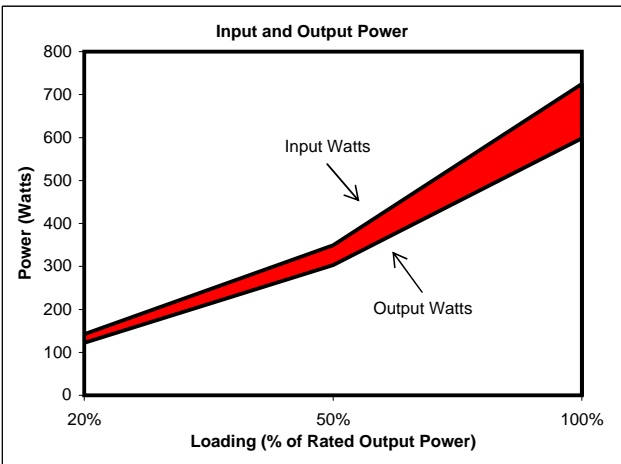
Rated Specifications	Value	Units
Input Voltage	115-230	Volts
Input Current	12/8	Amps
Input Frequency	50/60	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 30.55%, 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		
1.28	0.97	1.9%	20%	Light	142	12.2/8.4	11.1/0.1	3.3/2.4	5.1/1.6	5.1/0.5	122	86.13%
3.20	0.95	30.6%	50%	Typical	349	12.1/21	11.1/0.2	3.3/6	5.1/4	5.1/1.2	303	86.87%
6.51	0.97	24.4%	100%	Full	725	11.9/41.9	11/0.5	3.3/12	5.1/8	5/2.5	598	82.57%



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.