

# 80 PLUS Verification and Testing Report

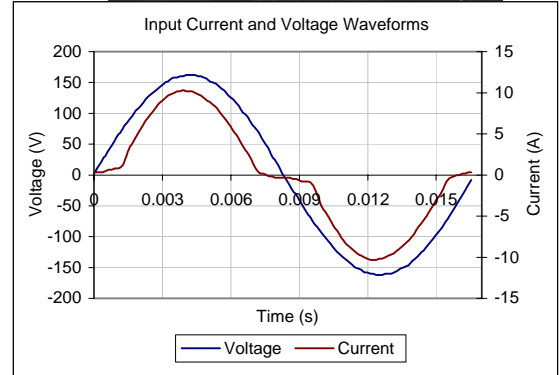


<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>86.87%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>85.19%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

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

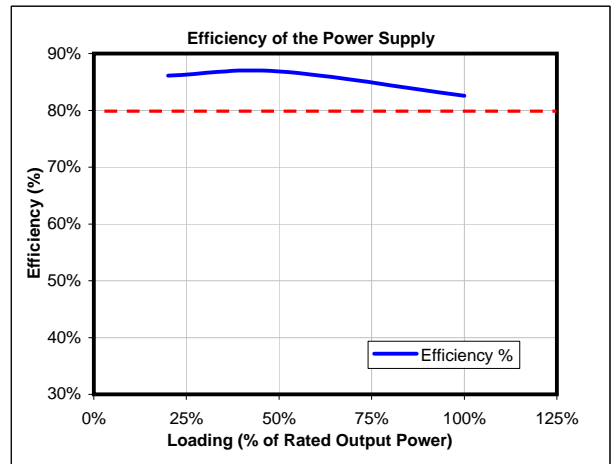
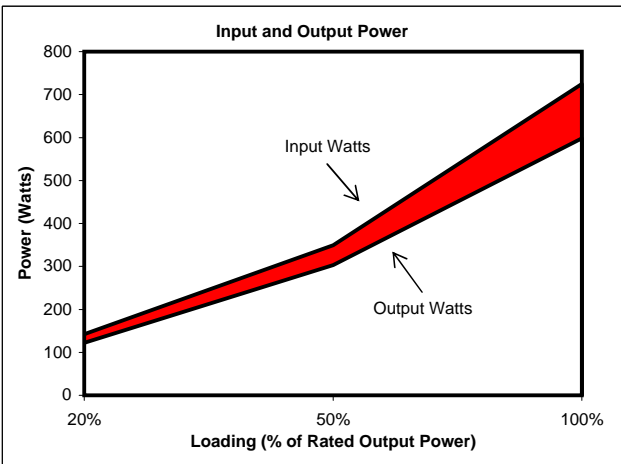
Rated Specifications	Value	Units
Input Voltage	115-230	Volts
Input Current	12/8	Amps
Input Frequency	50/60	Hz
<b>Rated Output Power</b>	<b>600</b>	<b>Watts</b>

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 <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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 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/>

