

# 80 PLUS Verification and Testing Report

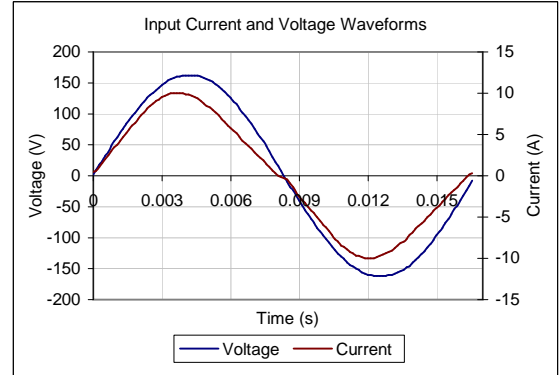


<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>84.09%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>82.45%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	324
<b>Manufacturer</b>	ACBEL
<b>Model Number</b>	PC6022
<b>Serial Number</b>	NA
<b>Year</b>	2007
<b>Type</b>	ATX12V
<b>Test Date</b>	8/6/2007

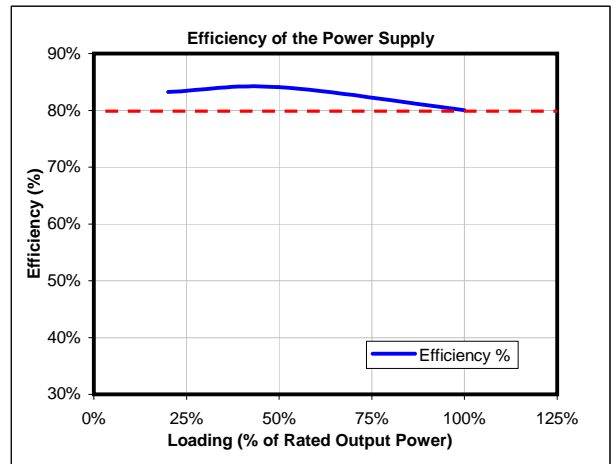
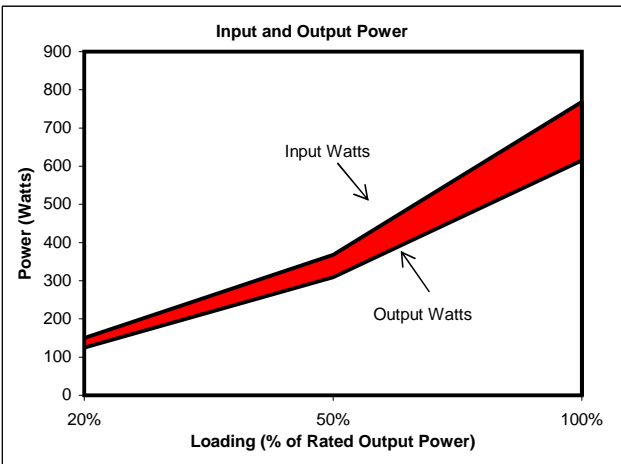
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4-8	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>670</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 11.03%, 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		
1.33	0.98	12.8%	20%	Light	150	12.1/7.3	12/0.2	3.3/4.2	5/3.4	5/0.7	125	83.23%
3.24	0.99	11.0%	50%	Typical	368	12.1/18.3	12/0.4	3.3/10.6	4.8/8.5	4.9/1.8	310	84.09%
6.74	0.99	8.6%	100%	Full	768	12/36.5	11.9/0.8	3.2/21	4.8/17	4.8/3.5	615	80.05%



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.