

# 80 PLUS Verification and Testing Report

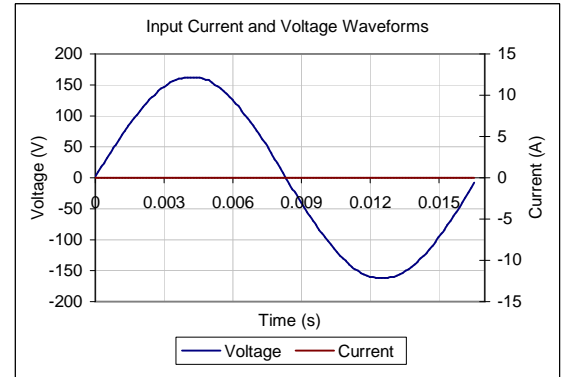


<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>85.07%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>82.93%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	363
<b>Manufacturer</b>	ACBEL
<b>Model Number</b>	FS6026
<b>Serial Number</b>	NA
<b>Year</b>	2007
<b>Type</b>	1U
<b>Test Date</b>	9/7/2007

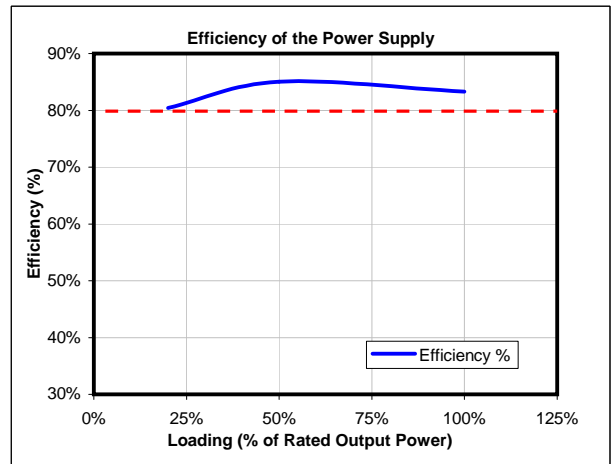
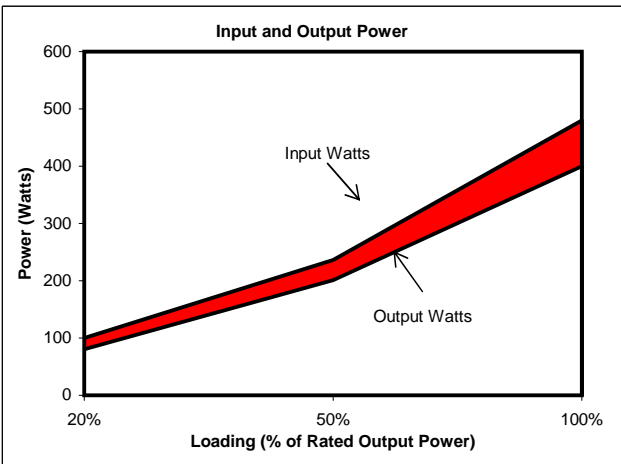
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5.2	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>400</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 14.59%, 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		
0.90	0.97	19.3%	20%	Light	100	12/5	12/0.1	3.4/1.9	5.1/2.2	5/0.3	80	80.43%
2.09	0.98	14.6%	50%	Typical	237	12/12.6	12/0.2	3.4/4.8	5.1/5.4	5/0.8	201	85.07%
4.21	0.99	10.1%	100%	Full	480	12.1/25.1	12.1/0.4	3.3/9.7	4.8/10.9	4.9/1.6	400	83.30%



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.