

80 PLUS Verification and Testing Report

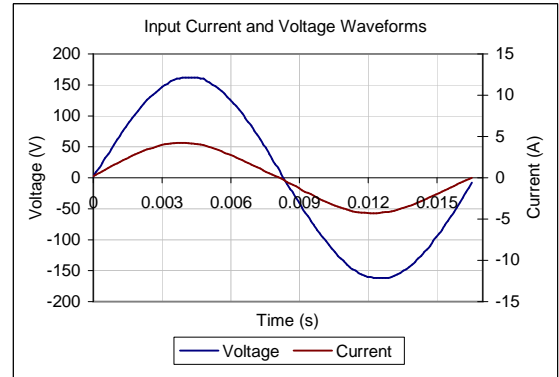


TYPICAL EFFICIENCY (50% Load):	84.03%
AVERAGE EFFICIENCY :	82.22%
80 PLUS COMPLIANT:	YES

Ecos ID #	385
Manufacturer	ACBEL
Model Number	PC6016
Serial Number	NA
Year	2007
Type	CUSTOM
Test Date	10/1/2007

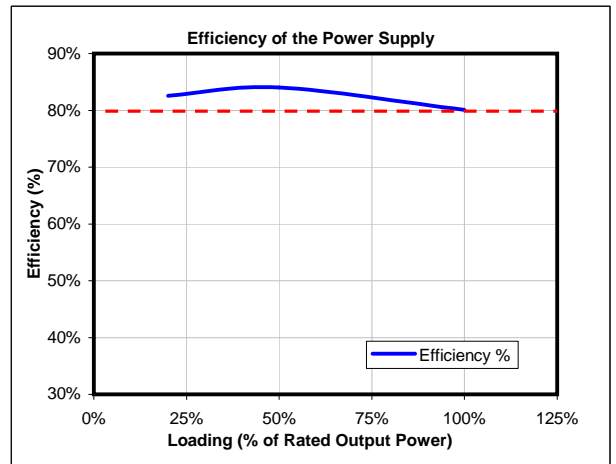
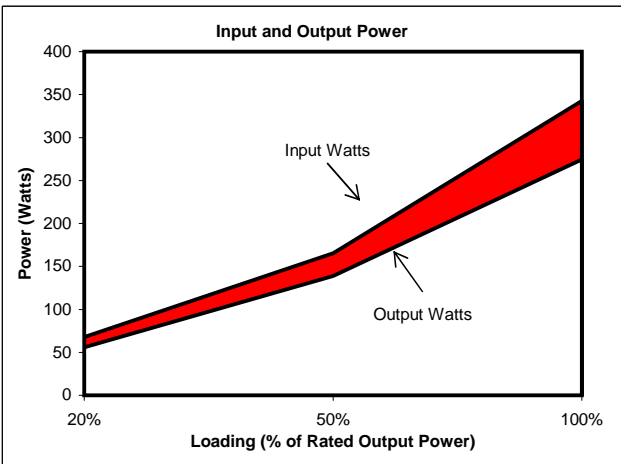
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8	Amps
Input Frequency	50/60	Hz
Rated Output Power	275	Watts

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



Input AC Current Waveform (ITHD = 6.1%, 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		
0.60	0.99	8.2%	20%	Light	68	12.2/2.9	12/0	3.4/2.4	5.1/1.9	5/0.4	56	82.55%
1.45	0.99	6.1%	50%	Typical	165	12.1/7.4	12/0.1	3.3/6	5.1/4.8	5/1	139	84.03%
2.99	1.00	3.8%	100%	Full	343	11.9/14.7	12/0.2	3.3/11.9	5.1/9.5	5/2	274	80.09%



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.