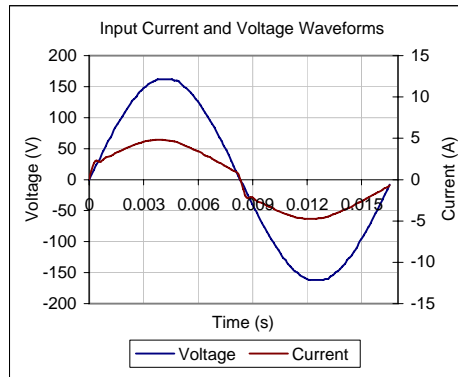


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	83.52%
AVERAGE EFFICIENCY :	81.90%
80 PLUS COMPLIANT:	YES



Ecos ID #	913
Manufacturer	ACBEL
Model Number	P07011-280G
Serial Number	NA
Year	2008
Type	CUSTOM
Test Date	10/3/2008

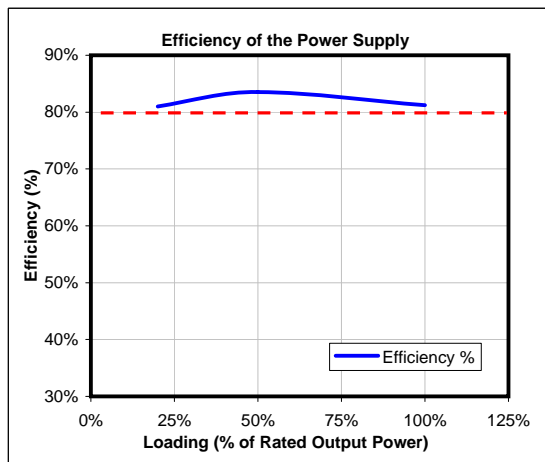
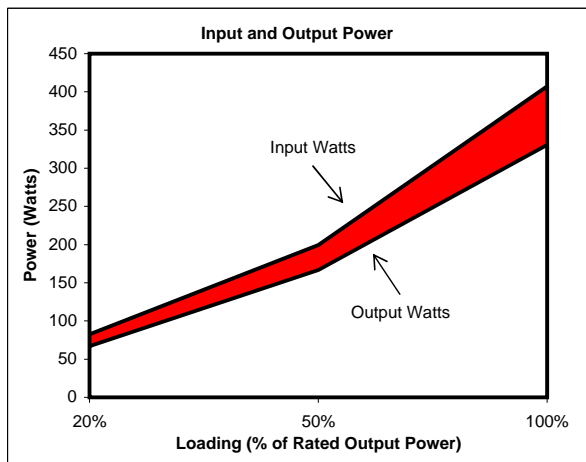


Input AC Current Waveform (ITHD = 6.46%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	334	Watts

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

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			24VSB
0.74	0.98	7.8%	20%	Light	83	12.2/3	12.2/0	3.4/0.8	5.1/2	5.2/0.4	24.6/0.6	67	80.97%
1.76	0.99	6.5%	50%	Typical	199	12.2/7.5	12.3/0.1	3.3/2	5/5	5.1/1	24.6/1.5	167	83.52%
3.57	0.99	9.2%	100%	Full	407	12.1/15	12.6/0.2	3.3/4	5/9.9	5.1/2	24.5/3	331	81.21%



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/>

