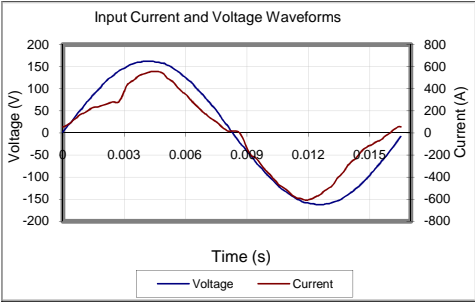


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.91%
AVERAGE EFFICIENCY :	85.12%
80 PLUS COMPLIANT:	YES



Ecos ID #	2283
Manufacturer	ACBEL POLYTECH INC.
Model Number	PCA015
Serial Number	PCA01510290000020S1
Year	2010
Type	ATX12V
Test Date	10/27/2010

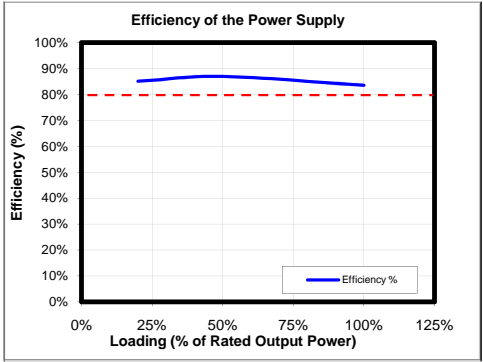
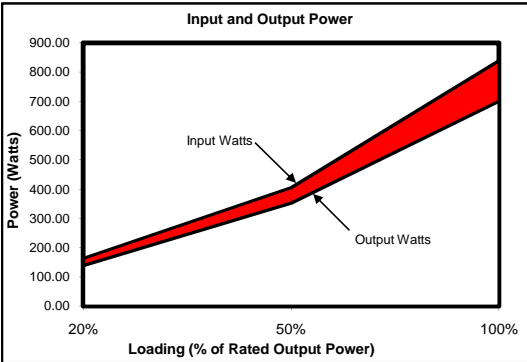


Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	10-6	Amps
Input Frequency	60/50	Hz
Rated Output Power	700	Watts

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

Input AC Current Waveform (ITHD = 21.07%, 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.)						
1.45	0.98	19.89%	20%	Light	163.85	11.8/9.1	11.7/0	3.4/3.5	5.2/3.5	5.1/0.4	139.29	85.01%
3.65	0.97	21.07%	50%	Typical	405.80	12/22.7	11.9/0.1	3.4/8.6	5/8.7	5.1/1	352.66	86.91%
7.47	0.98	13.67%	100%	Full	840.30	12/45.4	11.8/0.2	3.4/17.2	5/17.2	5/2	701.22	83.45%



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/>

