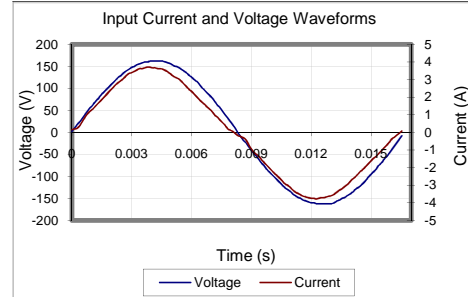


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	85.24%
AVERAGE EFFICIENCY :	83.85%
80 PLUS COMPLIANT:	YES



Ecos ID #	1881
Manufacturer	ACBEL POLYTECH INC.
Model Number	PO9002-280G
Serial Number	API R000020
Year	2010
Type	PS2
Test Date	2/5/2010

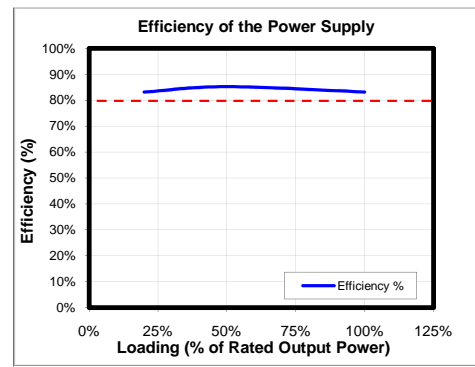
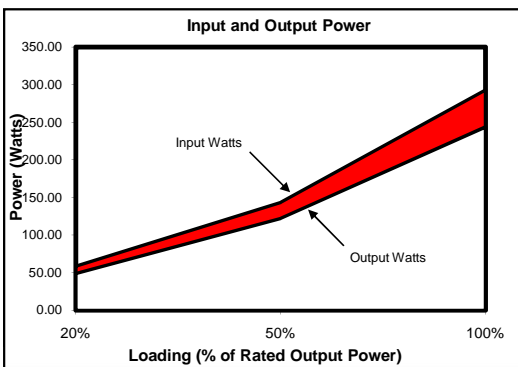


Rated Specifications	Value	Units
Input Voltage	100-120 200-240	Volts
Input Current	7-4	Amps
Input Frequency	50-60	Hz
Rated Output Power	245	Watts

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

Input AC Current Waveform (ITHD = 9.42%, 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.)					
0.52	0.9773	11.23%	20%	Light	58.84	18.3/2.7					
1.26	0.9861	9.42%	50%	Typical	143.50	18.3/6.7				122.32	85.24%
2.56	0.9948	7.60%	100%	Full	293.30	18.3/13.3				243.96	83.18%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS<sup>®</sup> 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/>

