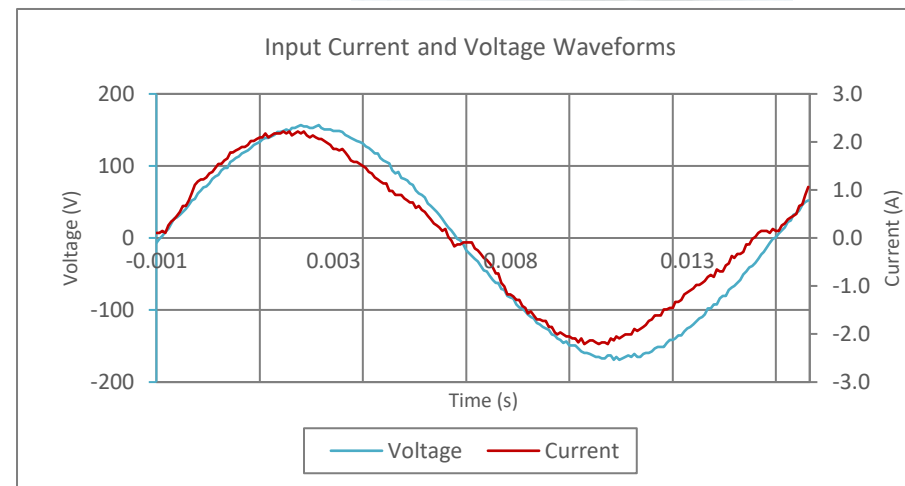


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.23%
AVERAGE EFFICIENCY :	89.90%
80 PLUS COMPLIANT:	YES



ID Number	5820
Manufacturer	In Win Development Inc.
Model Number	IP-P300LF7-2
Serial Number	N/A
Year	2019
Type	TFX
Test Date	12/12/19

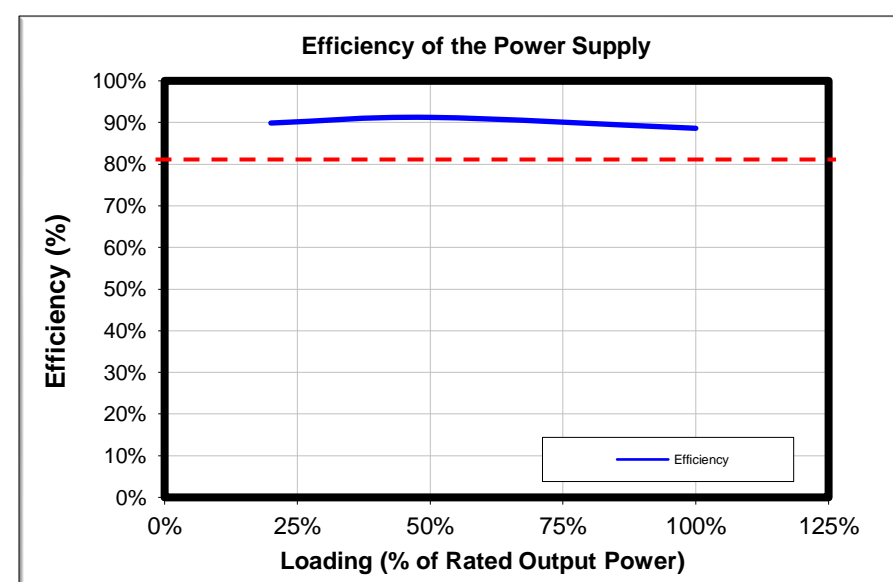
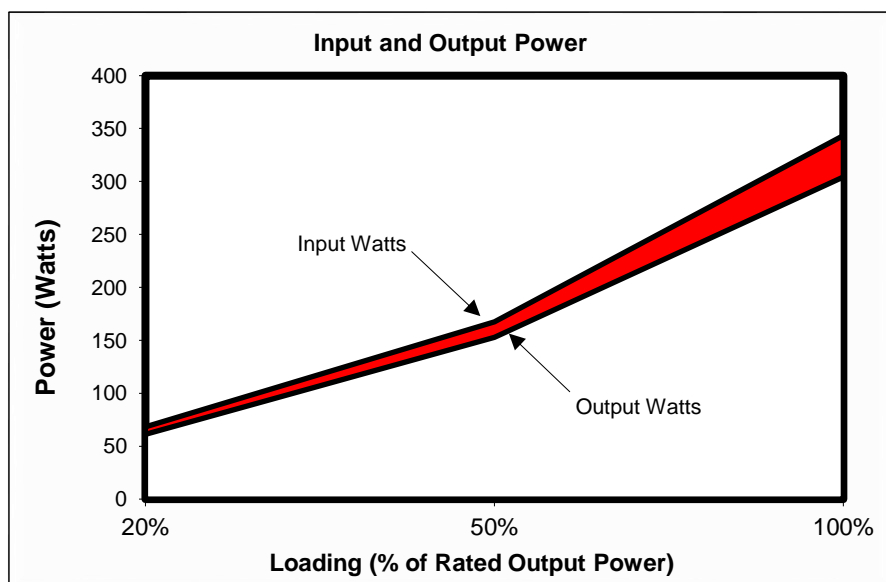


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4	Amps
Input Frequency	60/50	Hz
Rated Output Power	300	Watts

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

Input AC Current Waveform (ITHD = 9.05%, 50% Load)

I _{RMS}	PF	I _{THD}	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
0.33	0.94	12.51%	10%	35.73	12.27/1.84	12.15/0.02	3.39/0.8	5.07/0.8	5.01/0.22	30.63	85.71%
0.60	0.98	9.13%	20%	68.08	12.25/3.68	12.06/0.04	3.39/1.59	5.07/1.59	4.99/0.44	61.18	89.87%
1.47	0.99	9.05%	50%	167.50	12.21/9.23	12/0.11	3.38/3.98	5.05/3.95	4.96/1.1	152.81	91.23%
3.01	0.99	7.66%	100%	343.40	12.18/18.43	12.06/0.22	3.36/7.96	5.02/7.89	4.91/2.2	304.27	88.60%



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/>

