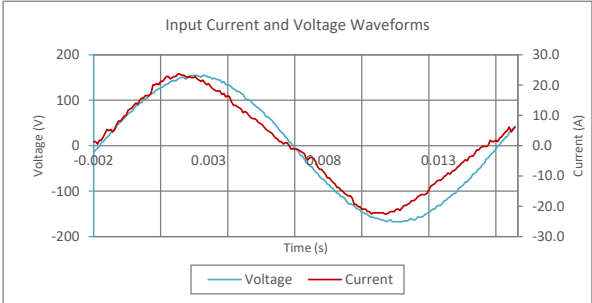


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>91.34%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>89.96%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	6000
<b>Manufacturer</b>	In Win Development Inc.
<b>Model Number</b>	IP-P300NQ3-2
<b>Serial Number</b>	N/A
<b>Year</b>	2020
<b>Type</b>	ATX12V
<b>Test Date</b>	6/24/20

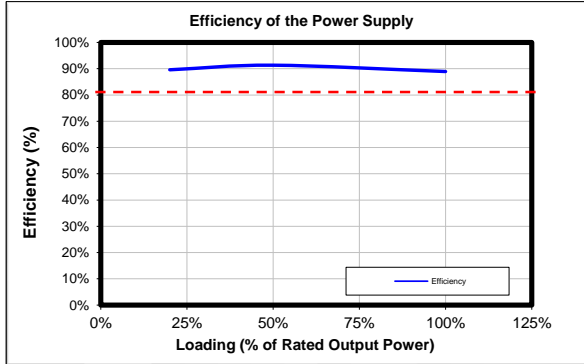
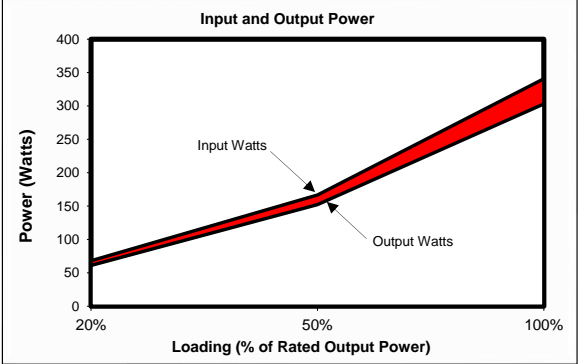


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4	Amps
Input Frequency	60-50	Hz
<b>Rated Output Power</b>	<b>300</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 11.28%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	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		
0.34	0.91	10.19%	10%	35.97	12.19/1.84	12.03/0.02	3.37/0.79	5.06/0.8	5.06/0.22	30.56	84.96%
0.62	0.95	10.55%	20%	68.11	12.18/3.69	11.92/0.04	3.37/1.59	5.05/1.59	5.05/0.44	61.02	89.59%
1.48	0.98	11.28%	50%	166.55	12.15/9.23	11.77/0.11	3.35/3.98	5.03/3.95	5.01/1.1	152.13	91.34%
3.00	0.99	9.60%	100%	340.80	12.13/18.44	11.81/0.22	3.33/7.96	4.99/7.89	4.95/2.2	303.08	88.93%



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/>

