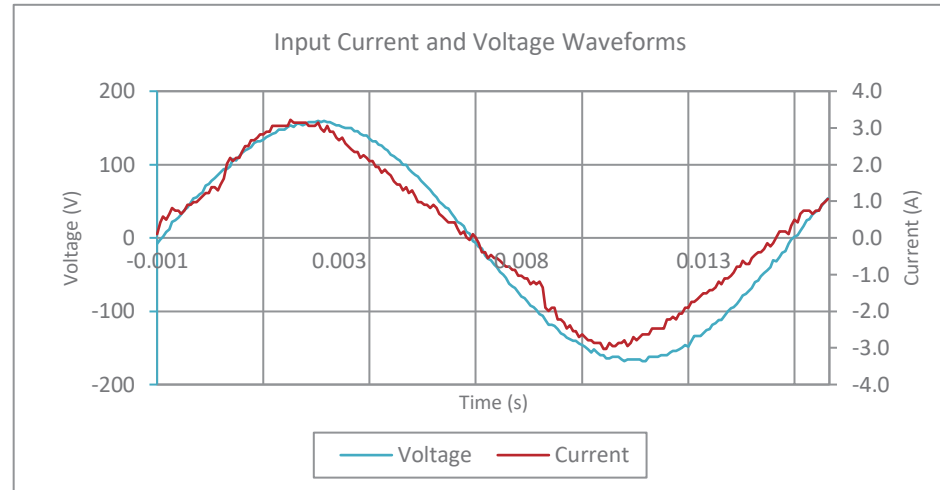


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>91.27%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>89.89%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	6715
<b>Manufacturer</b>	In Win
<b>Model Number</b>	IP-P400NQ3-2
<b>Serial Number</b>	P62209000500870
<b>Year</b>	2021
<b>Type</b>	ATX12V
<b>Test Date</b>	12/1/21

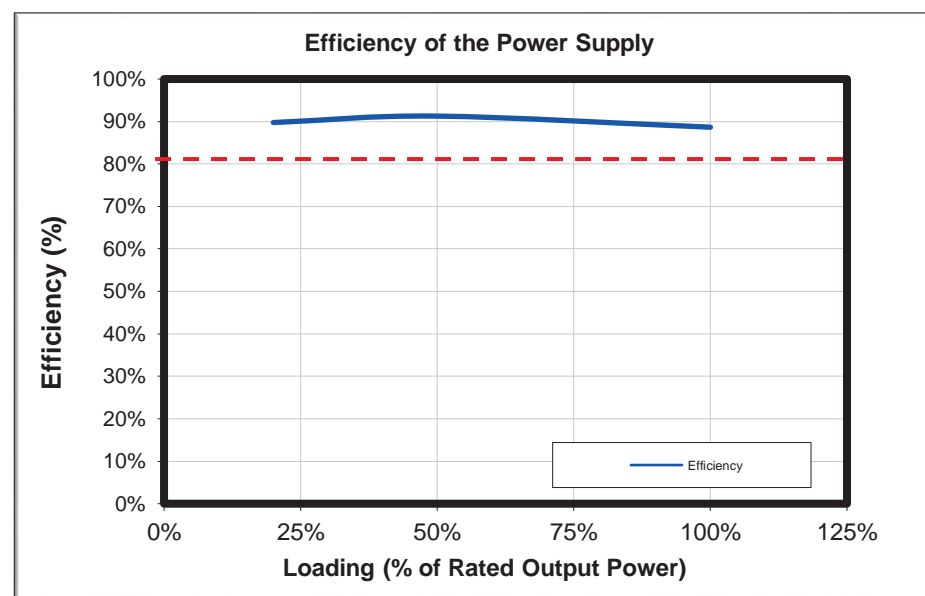
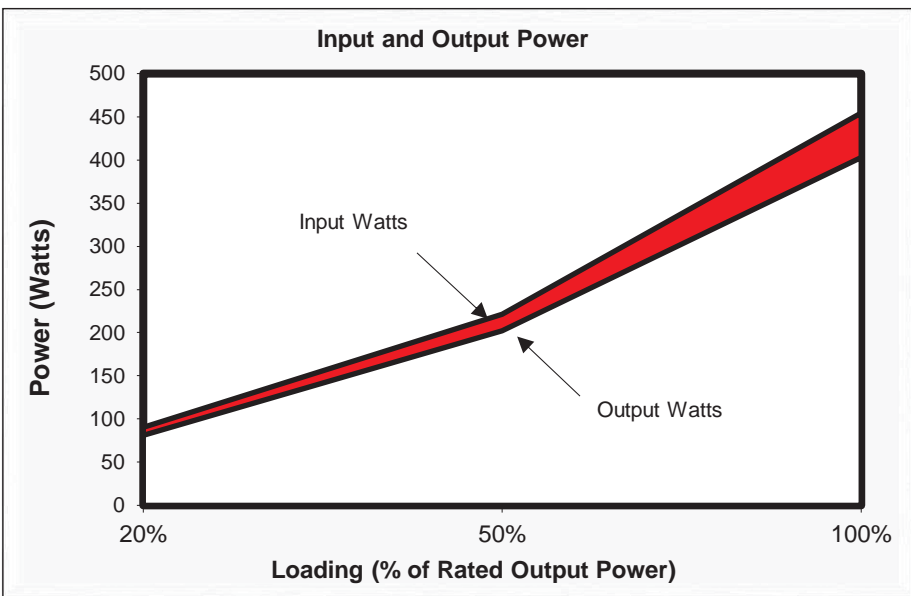


Input AC Current Waveform (ITHD = 12.03%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8	Amps
Input Frequency	60-50	Hz
<b>Rated Output Power</b>	<b>400</b>	<b>Watts</b>

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

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		
0.44	0.94	10.65%	10%	47.51	12.12/2.63	12.25/0.02	3.39/0.85	5.06/0.85	5.11/0.24	40.57	85.39%
0.81	0.97	10.65%	20%	90.29	12.1/5.25	12.05/0.05	3.38/1.71	5.05/1.71	5.09/0.47	81.04	89.75%
1.95	0.98	12.03%	50%	221.20	12.08/13.16	12/0.12	3.37/4.26	5.03/4.22	5.05/1.18	201.89	91.27%
3.98	0.99	11.04%	100%	454.40	12.06/26.32	12.29/0.24	3.34/8.53	4.99/8.45	4.98/2.36	402.87	88.66%



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/>