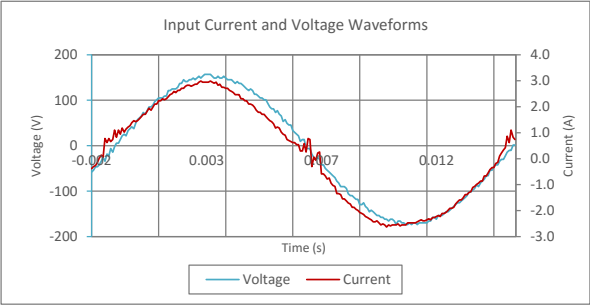


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>90.03%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>88.74%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	5264
<b>Manufacturer</b>	3Y Power
<b>Model Number</b>	YM-4401A
<b>Serial Number</b>	SOA000W711746000009
<b>Year</b>	2018
<b>Type</b>	CUSTOM
<b>Test Date</b>	3/16/18

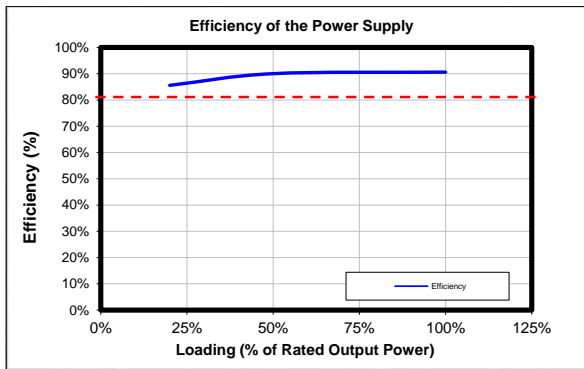
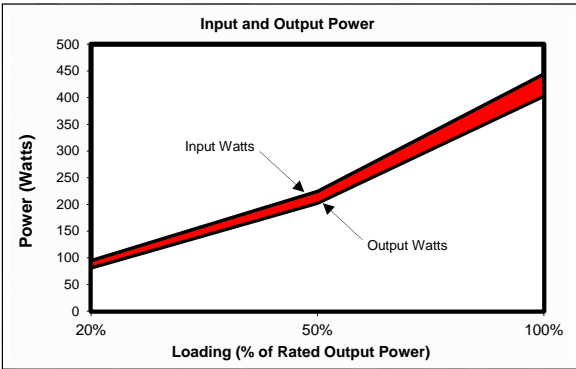


Input AC Current Waveform (ITHD = 2.68%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-3.5	Amps
Input Frequency	50-60	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.)				
					24V	5Vsb			
0.55	0.83	13.30%	10%	52.53	12.1/2.25	24.29/0.5	5.1/0.2	40.45	77.00%
0.89	0.93	8.55%	20%	94.60	12.1/4.52	24.28/1	5.09/0.4	80.96	85.58%
1.98	0.99	2.68%	50%	224.40	12.08/11.31	24.27/2.49	5.08/1	202.03	90.03%
3.87	1.00	1.72%	100%	444.20	12.05/22.57	24.25/4.96	5.06/2	402.48	90.61%



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/>

