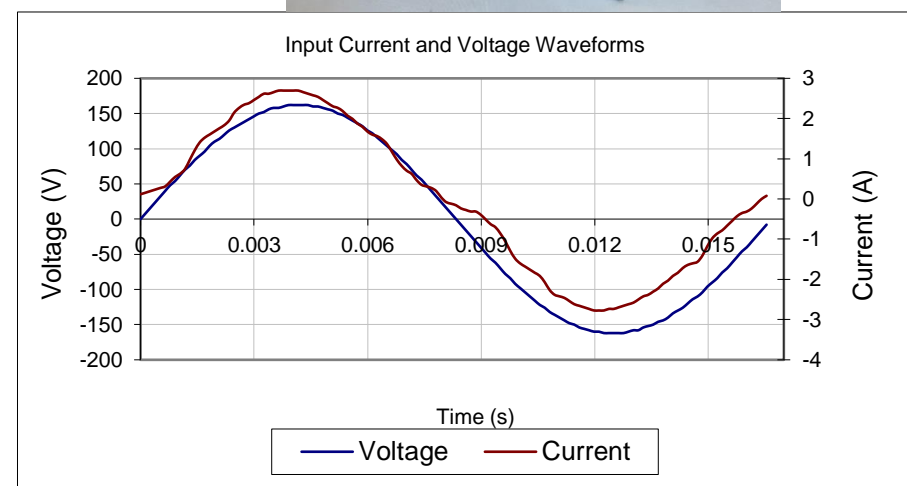


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>85.97%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>84.15%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	4742
<b>Manufacturer</b>	UNYKA TECHNOLOGY (H.K.) LIMITED
<b>Model Number</b>	52038
<b>Serial Number</b>	940533541929
<b>Year</b>	2016
<b>Type</b>	ATX12V
<b>Test Date</b>	10/26/16

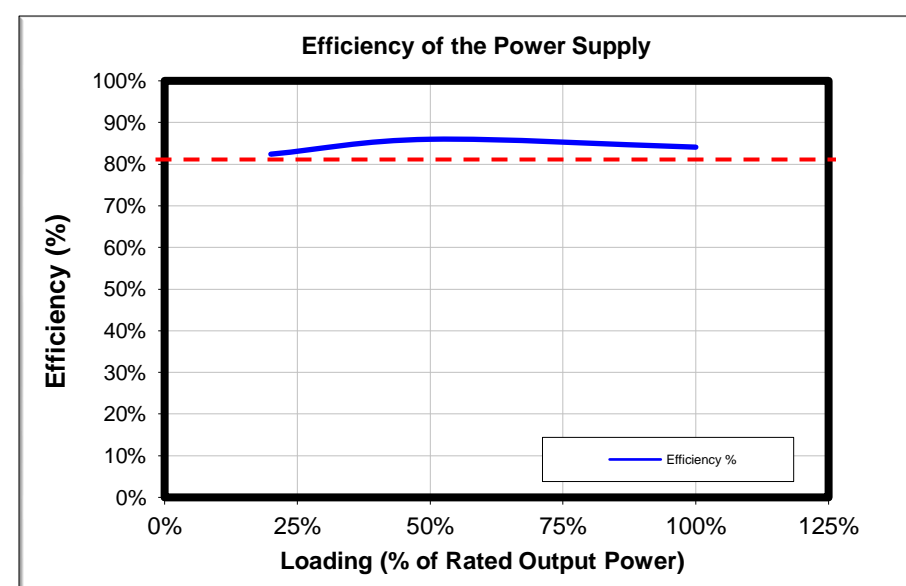
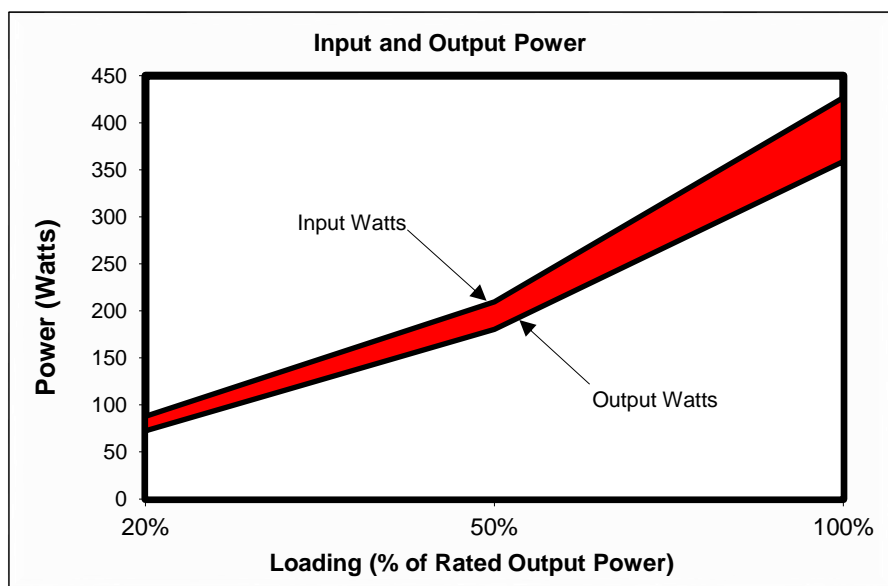


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5-3	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>350</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 11.5%, 50% Load)

I <sub>RMS</sub> A	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		
0.45	0.92	18.98%	10%	47.84	12.28/2.58	11.65/0.03	3.39/0.3	5.23/0.3	5.12/0.25	35.95	75.15%
0.79	0.97	15.20%	20%	87.82	12.37/5.17	11.74/0.06	3.39/0.6	5.18/0.6	5.11/0.5	72.36	82.39%
1.85	0.99	11.50%	50%	209.89	12.35/12.91	11.78/0.15	3.38/1.5	5.17/1.5	5.07/1.25	180.45	85.97%
3.74	0.99	8.80%	100%	426.70	12.29/25.82	11.91/0.3	3.37/2.99	5.17/2.97	5.01/2.5	358.77	84.08%



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/>

