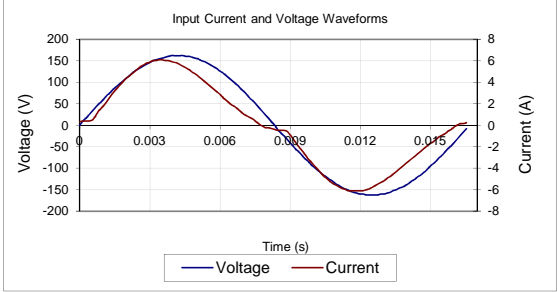


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>90.77%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>89.38%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	4446
<b>Manufacturer</b>	Enhance Electronics Co., Ltd.
<b>Model Number</b>	EPS-1780
<b>Serial Number</b>	153567
<b>Year</b>	2015
<b>Type</b>	ATX12V
<b>Test Date</b>	9/15/15

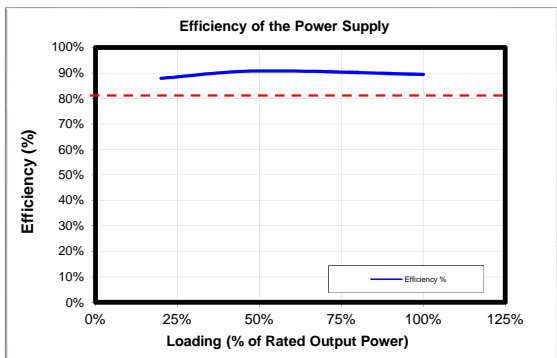
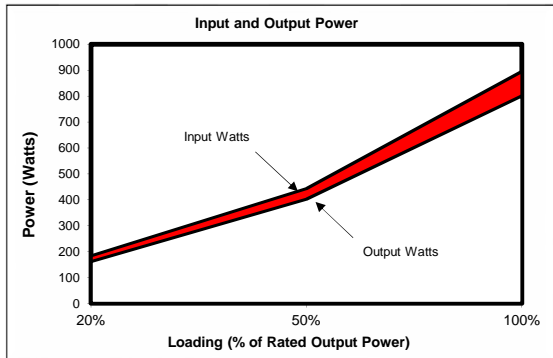


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9.5-4.8	Amps
Input Frequency	60-50	Hz
<b>Rated Output Power</b>	<b>800</b>	<b>Watts</b>

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

Input AC Current Waveform (THD = 16.53%, 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
0.91	0.93	21.78%	10%	96.94	12.04/5.5	11.46/0.02	3.37/1.39	5.09/1.58	5.05/0.29	80.59	83.14%
1.67	0.95	18.18%	20%	183.18	12.04/10.99	11.44/0.05	3.37/2.77	5.08/3.13	5.04/0.58	161.06	87.93%
3.96	0.97	16.53%	50%	443.00	12.02/27.5	11.44/0.12	3.35/6.94	5.07/7.82	5.02/1.45	402.10	90.77%
7.89	0.99	12.85%	100%	894.70	11.99/54.9	11.47/0.25	3.33/13.82	5.04/15.61	4.97/2.91	800.19	89.44%



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>

