

# 80 PLUS Verification and Testing Report

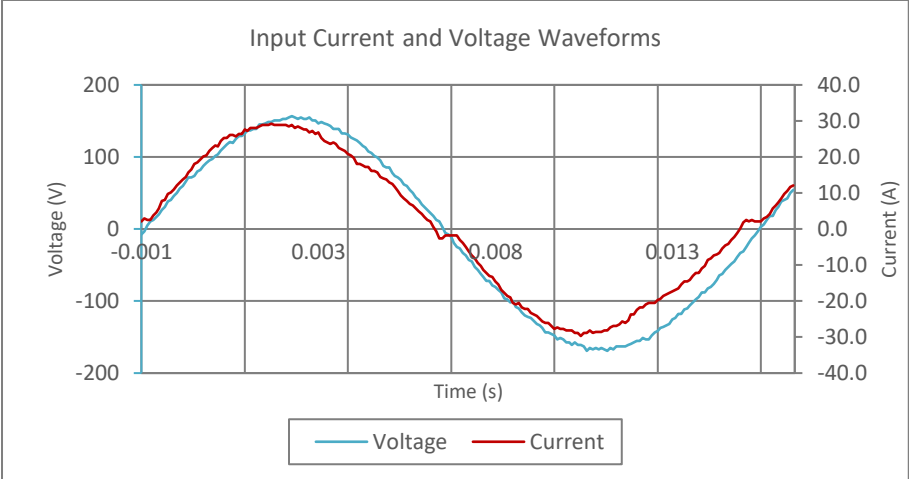
TYPICAL EFFICIENCY (50% Load):	87.80%
AVERAGE EFFICIENCY :	86.11%
80 PLUS COMPLIANT:	YES



ID Number	5890
Manufacturer	Enhance Electronics Co., Ltd.
Model Number	ENP-8240
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	1/30/20

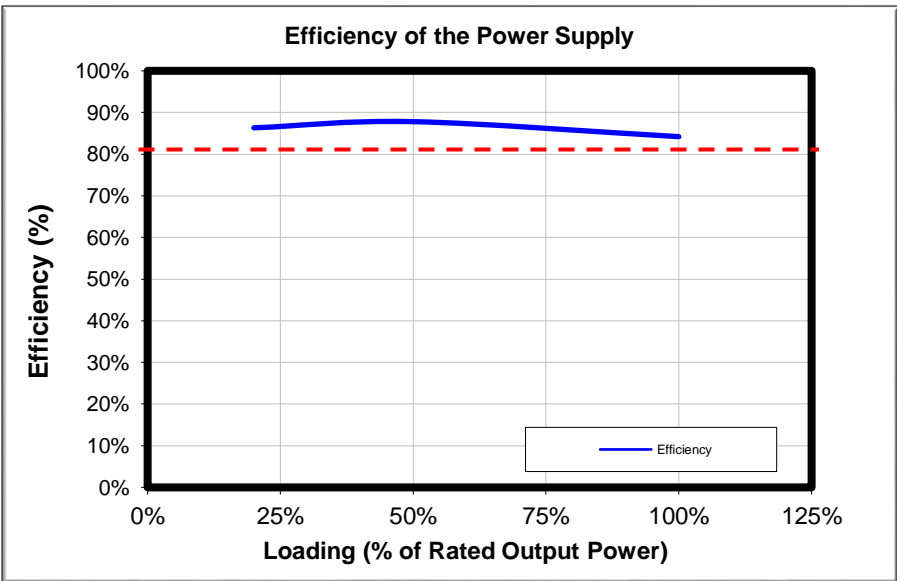
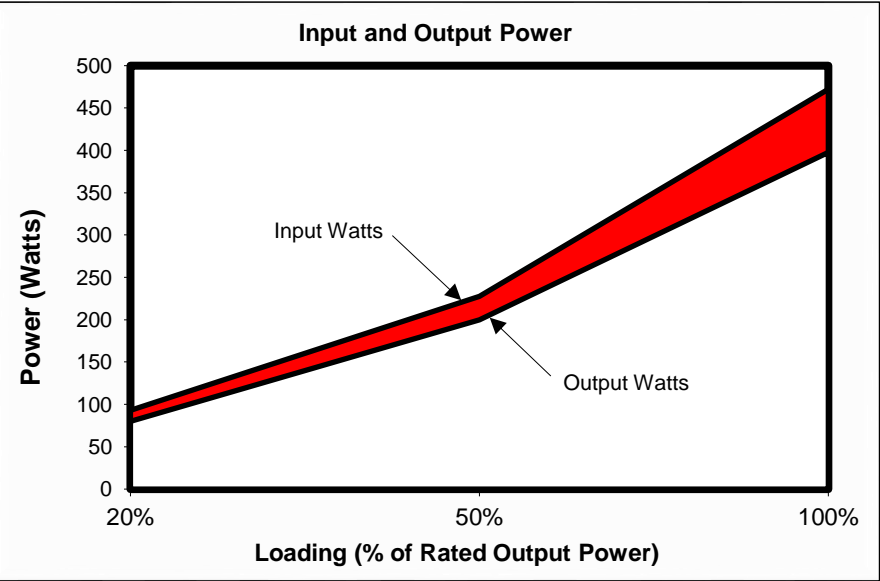
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-3	Amps
Input Frequency	60-50	Hz
Rated Output Power	400	Watts

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



Input AC Current Waveform (ITHD = 6.27%, 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		
0.46	0.92	14.90%	10%	49.20	11.97/2.62	12.08/0.02	3.33/0.86	4.99/0.86	5.03/0.24	39.94	81.17%
0.83	0.97	11.59%	20%	92.80	11.97/5.25	12.09/0.05	3.32/1.72	4.99/1.72	5.02/0.48	80.11	86.32%
2.00	0.99	6.27%	50%	227.79	11.94/13.16	12.1/0.12	3.31/4.3	4.98/4.26	4.99/1.19	200.00	87.80%
4.14	0.99	6.64%	100%	472.20	11.9/26.27	12.12/0.24	3.28/8.6	4.95/8.52	4.94/2.38	397.59	84.20%



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/>

