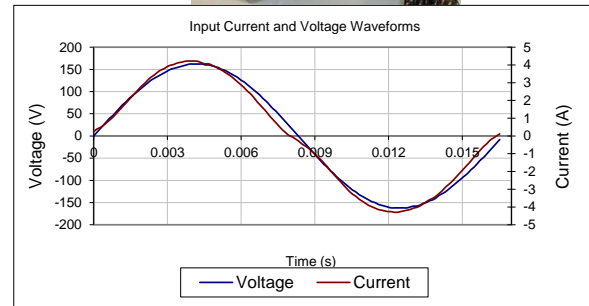


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.35%
AVERAGE EFFICIENCY :	88.91%
80 PLUS COMPLIANT:	YES



Ecos ID #	4655
Manufacturer	Enermax Technology Corporation
Model Number	ERD600AWL-F
Serial Number	NA
Year	2016
Type	ATX12V
Test Date	8/3/16

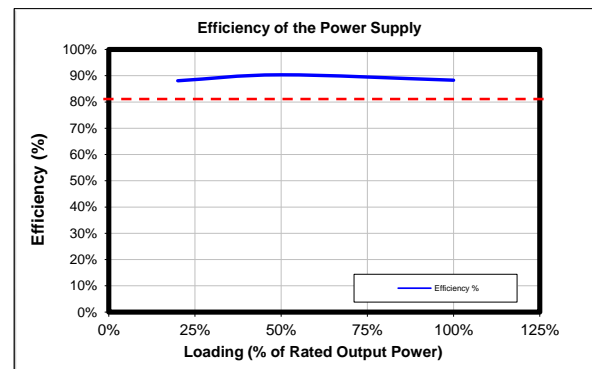
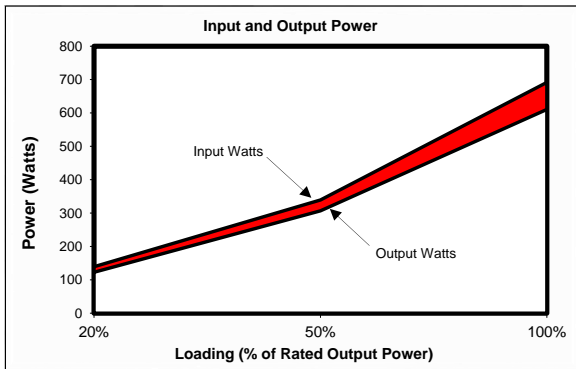


Input AC Current Waveform (ITHD = 6.78%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	10-5.5	Amps
Input Frequency	47-63	Hz
Rated Output Power	600	Watts

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

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Input Watts	DC Terminal Voltage (V) / DC Load Current (A)				Output Watts	Efficiency %	
					12V (cumulative of 12V1, 12V2, etc.)						
0.71	0.91	15.87%	10%	74.07	12.28/4.21	-12V/0.03	3.36/1.01	5.04/1.01	5.14/0.21	61.60	83.17%
1.25	0.97	10.35%	20%	139.38	12.28/8.39	11.95/0.05	3.35/2.02	5.04/2.01	5.13/0.42	122.76	88.08%
2.97	0.99	6.78%	50%	339.50	12.29/20.99	11.97/0.13	3.33/5.05	5.03/5.01	5.1/1.05	306.74	90.35%
6.03	1.00	5.95%	100%	691.60	12.29/41.81	12.01/0.25	3.31/10.07	5.01/10.01	5.04/2.09	610.67	88.30%



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/>

