80 PLUS Verification and Testing Report

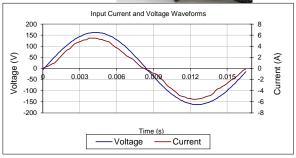
AVERAGE EFFICIENCY: 80 PLUS COMPLIANT:	93.45% YES	
	93.45%	
TYPICAL EFFICIENCY (50% Load):	94.34%	



ID Number	4840.1
Manufacturer	Enermax Technology Corporation
Model Number	EMT800EWT
Serial Number	N/A
Year	2017
Туре	ATX12V
Test Date	1/23/17

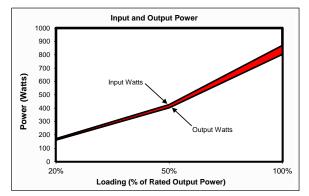
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	47-63	Hz
Rated Output Power	800	Watts

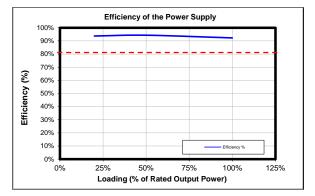
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 9.21%, 50% Load)

I _{RMS A}	PF	L (%)	Load (%)	Input	DC Terminal Voltage (V)/ DC Load Current (A)				Output	Efficiency																								
Α	FF	'THD (70)	THD (70)	'THD (/º)	'THD (/º)	1THD (79)	'THD (/º)	THD (79)	Loau (70)	Load (76)	Load (70)	Load (70)	Load (70)	Loau (76)	Load (70)	Loau (70)	Loau (76)	Loau (76)	Loau (70)	Loau (70)	LUAU (70)	Watts	Watts	12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vsb	Watts	%				
0.88	0.87	20.35%	10%	88.24	12.02/5.8	11.44/0.03	3.37/1.05	5.08/1.05	5.08/0.26	80.24	90.93%																							
1.58	0.94	17.00%	20%	171.62	12.02/11.65	11.55/0.05	3.37/2.09	5.08/2.08	5.07/0.52	160.86	93.73%																							
3.74	0.99	9.21%	50%	426.90	12.02/29.16	11.81/0.13	3.37/5.25	5.08/5.2	5.06/1.31	402.75	94.34%																							
7.58	1.00	3.59%	100%	870.30	12/58.2	12.38/0.26	3.37/10.5	5.08/10.39	5.04/2.61	803.13	92.28%																							







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/

