

80 PLUS Verification and Testing Report

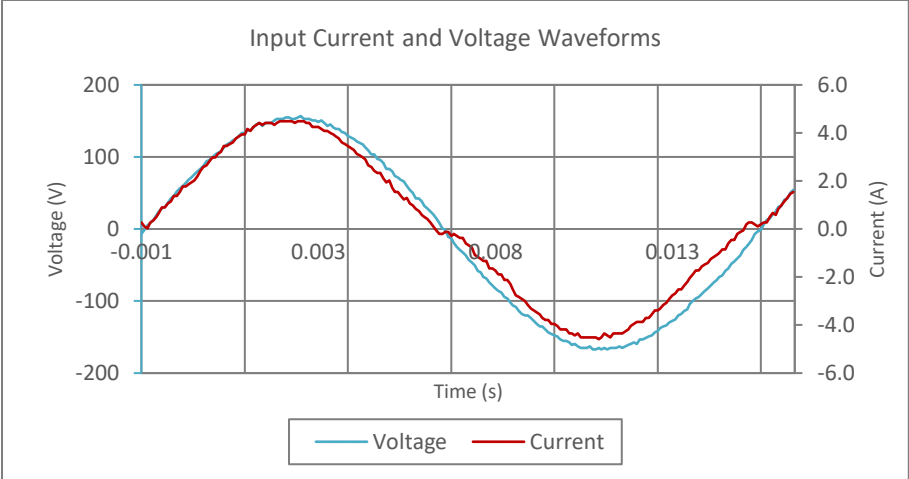
TYPICAL EFFICIENCY (50% Load):	87.82%
AVERAGE EFFICIENCY :	86.33%
80 PLUS COMPLIANT:	YES



ID Number	5750.1
Manufacturer	Enermax Technology Corporation
Model Number	ECB600AWT
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	10/31/19

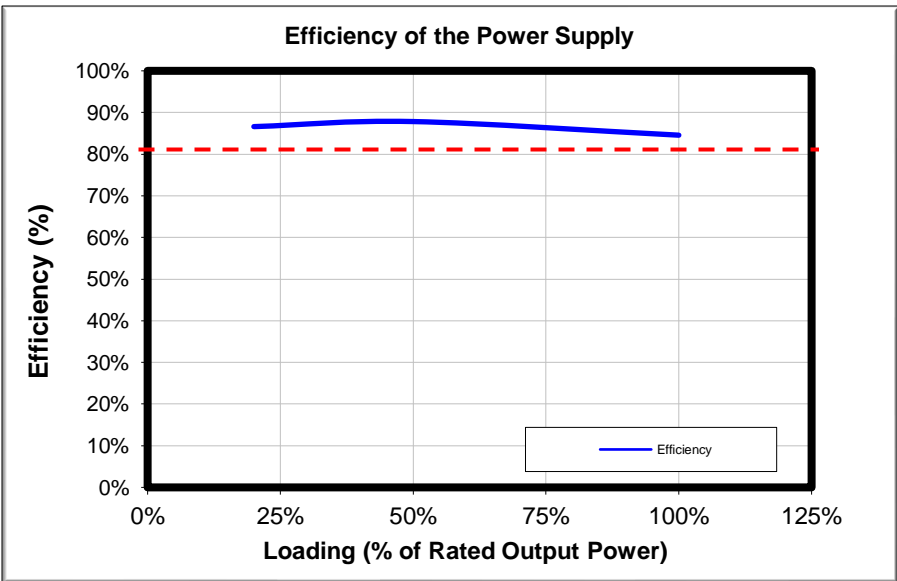
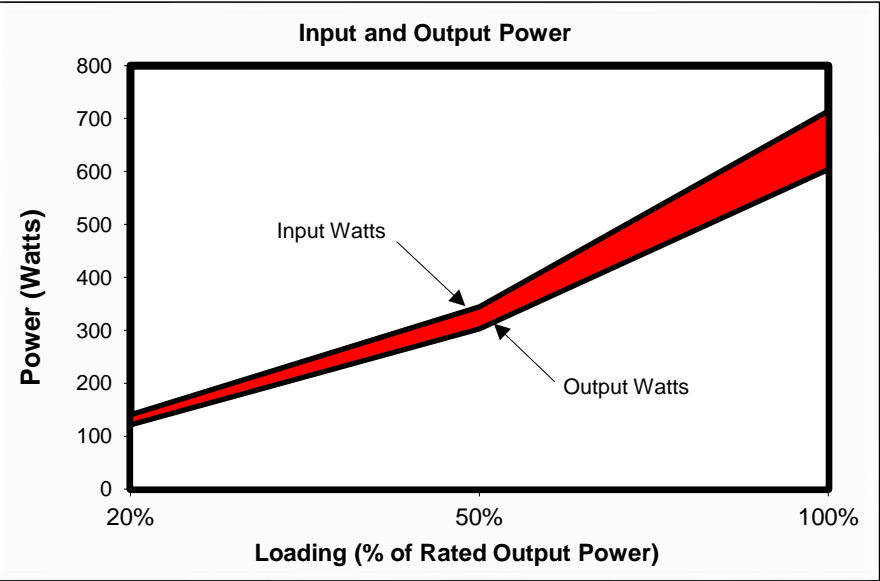
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9	Amps
Input Frequency	47-63	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 8.32%, 50% Load)

I _{RMS}	PF	I _{THD}	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		
0.65	0.98	12.39%	10%	72.79	11.99/4.08	11.66/0.03	3.39/1.25	5.15/1.12	5.09/0.22	60.39	82.97%
1.23	0.99	9.62%	20%	139.84	12.02/8.18	11.71/0.05	3.38/2.5	5.13/2.23	5.08/0.44	121.11	86.61%
3.01	1.00	8.32%	50%	344.55	12.04/20.43	11.79/0.13	3.36/6.26	5.1/5.55	5.04/1.11	302.59	87.82%
6.25	0.99	9.99%	100%	714.30	12.05/40.83	11.94/0.27	3.34/12.53	5.04/11.09	4.96/2.21	603.94	84.55%



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/>

