

80 PLUS Verification and Testing Report

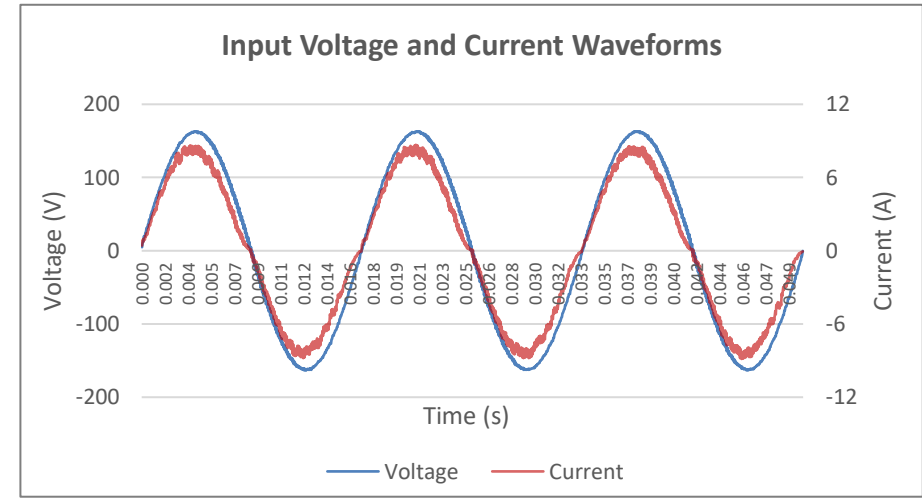
TYPICAL EFFICIENCY (50% Load):	92.92%
AVERAGE EFFICIENCY :	91.52%
80 PLUS COMPLIANT:	Platinum



ID Number	6987.2
Manufacturer	Enermax Technology Corporation
Model Number	EGN1200P
Serial Number	N/A
Year	2023
Type	ATX12V, EPS12V
Test Date	2/28/23

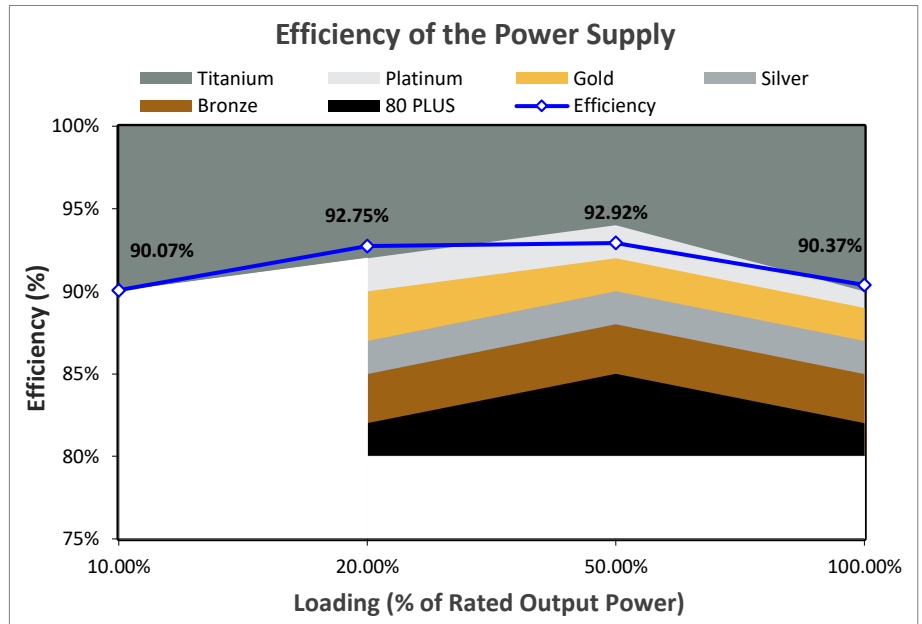
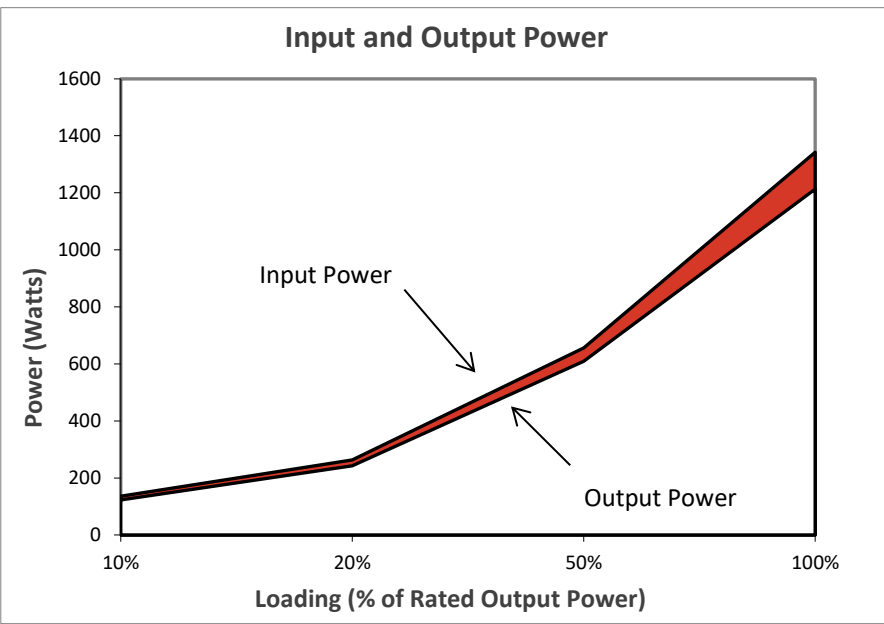
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	50-60	Hz
Rated Output Power	1200	Watts

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



Input AC Current Waveform (ITHD = 5.39%, 50% Load)

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.)	-12V	3.3V	5V	5Vsb		
1.217	0.9699	5.96	10%	135.68	12.15/9.13	12.55/0.05	3.33/1.1	5.05/1.1	5.12/0.27	122.20	90.07%
2.314	0.9857	5.67	20%	262.46	12.16/18.2	12.5/0.07	3.33/2.19	5.05/2.19	5.12/0.55	243.42	92.75%
5.735	0.9950	5.39	50%	655.91	12.17/45.6	12.31/0.18	3.32/5.48	5.04/5.43	5.1/1.36	609.47	92.92%
11.713	0.9965	5.92	100%	1342.56	12.15/90.94	11.86/0.36	3.29/10.95	5.02/10.84	5.04/2.73	1213.23	90.37%



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/>