

80 PLUS Verification and Testing Report

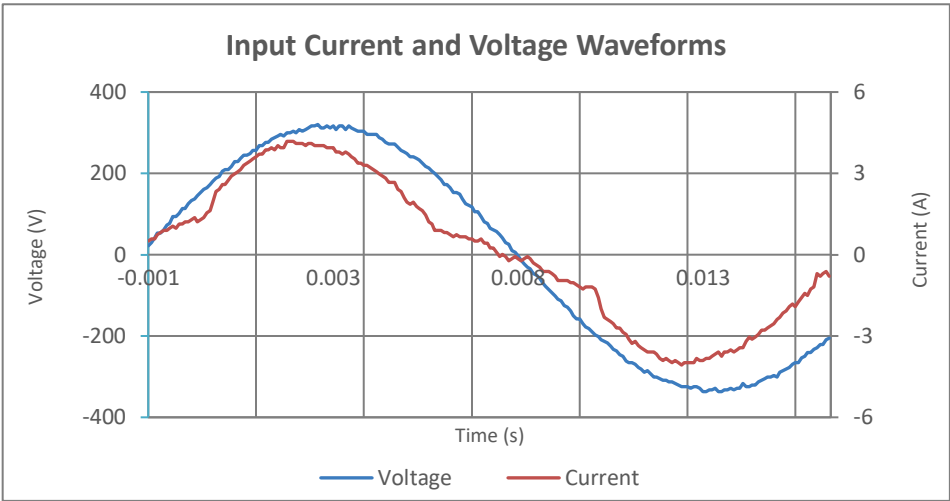
TYPICAL EFFICIENCY (50% Load):	89.61%
AVERAGE EFFICIENCY :	87.43%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-890.1
Manufacturer	Lemon-ET
Model Number	LA 1000Bronze V3.0
Serial Number	N/A
Year	2022
Type	ATX12V
Test Date	5/5/22

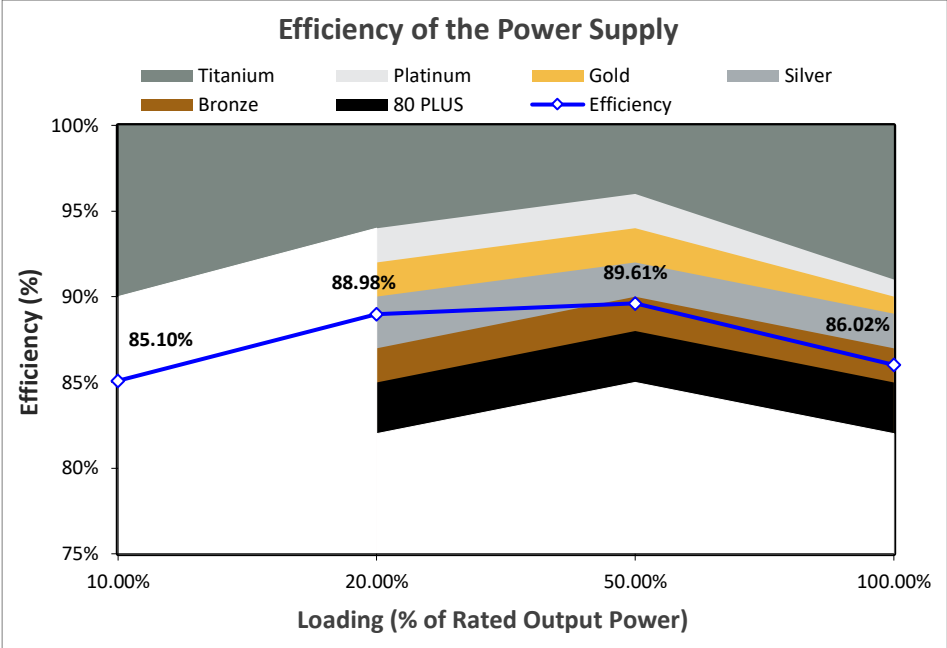
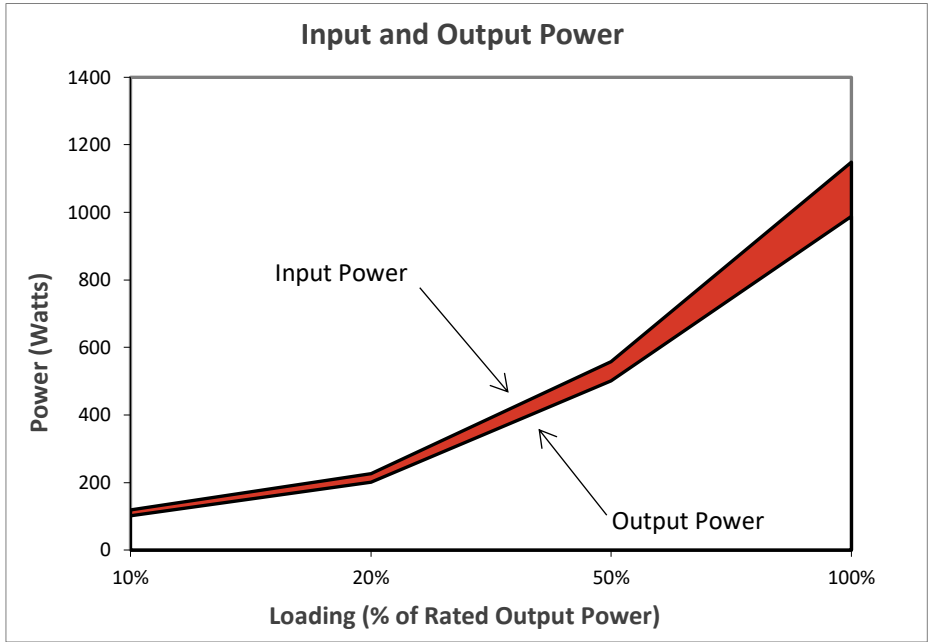
Rated Specifications	Value	Units
Input Voltage	230	Volts
Input Current	10	Amps
Input Frequency	50	Hz
Rated Output Power	1000	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 20.35%, 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	5Vstb		
0.659	0.7804	54.78%	10%	118.34	12.26/7.36	12.67/0.03	3.36/1	5.21/1	5.06/0.3	100.71	85.10%
1.050	0.9366	29.69%	20%	226.16	12.25/14.72	12.48/0.06	3.34/2	5.19/2	5.03/0.6	201.23	88.98%
2.503	0.9699	20.35%	50%	558.50	12.2/36.83	12.25/0.15	3.3/5	5.13/4.95	4.95/1.5	500.50	89.61%
5.085	0.9825	15.15%	100%	1148.80	12.09/73.48	12.21/0.3	3.23/10.01	5.03/9.9	4.81/3	988.22	86.02%



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/>