

80 PLUS Verification and Testing Report

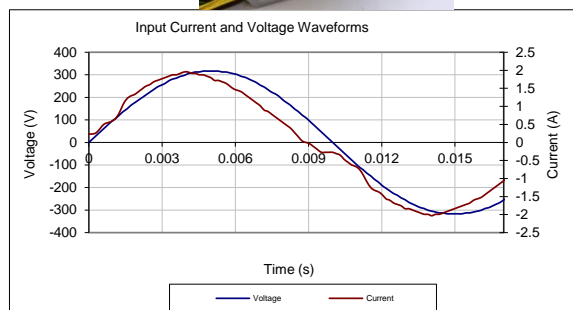
TYPICAL EFFICIENCY (50% Load):	86.18%
AVERAGE EFFICIENCY :	84.81%
80 PLUS COMPLIANT:	YES



Ecos ID #	EU-239
Manufacturer	SUZA INTERNATIONAL
Model Number	GL-E500
Serial Number	NA
Year	2016
Type	ATX12V
Test Date	8/4/16

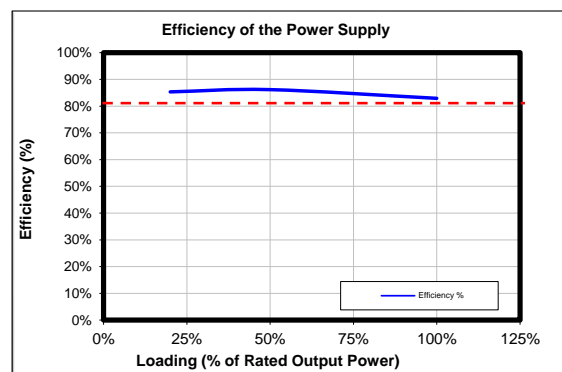
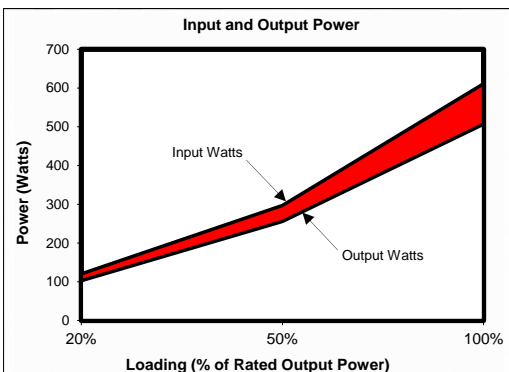
Rated Specifications	Value	Units
Input Voltage	230	Volts
Input Current	10	Amps
Input Frequency	50	Hz
Rated Output Power	500	Watts

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



Input AC Current Waveform (ITHD = 10.79%, 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		
0.39	0.70	48.13%	10%	63.78	12.39/3.15	11.86/0.02	3.33/1.57	5.11/1.18	5.15/0.2	51.48	80.71%
0.58	0.90	18.68%	20%	120.58	12.39/6.3	11.88/0.05	3.31/3.14	5.08/2.34	5.14/0.39	102.90	85.34%
1.33	0.97	10.79%	50%	297.00	12.36/15.72	11.95/0.12	3.28/7.84	5.04/5.84	5.11/0.98	255.95	86.18%
2.70	0.98	9.87%	100%	611.10	12.33/31.31	12.07/0.24	3.21/15.61	4.96/11.67	5.04/1.96	506.73	82.92%



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/>

