

80 PLUS Verification and Testing Report

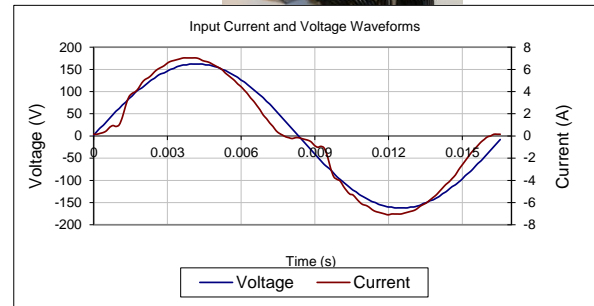
TYPICAL EFFICIENCY (50% Load):	92.72%
AVERAGE EFFICIENCY :	91.56%
80 PLUS COMPLIANT:	YES



Ecos ID #	4643
Manufacturer	SAMA
Model Number	FTX-1000-A
Serial Number	NA
Year	2016
Type	ATX12V
Test Date	7/27/16

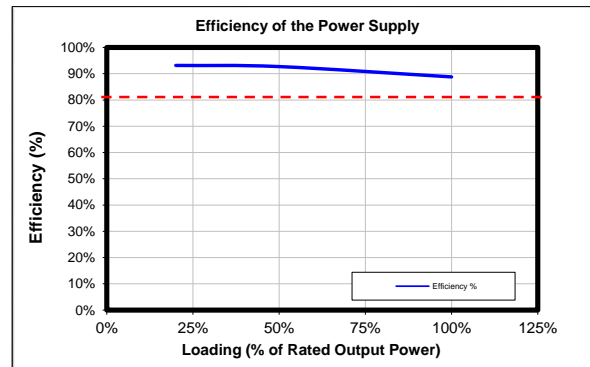
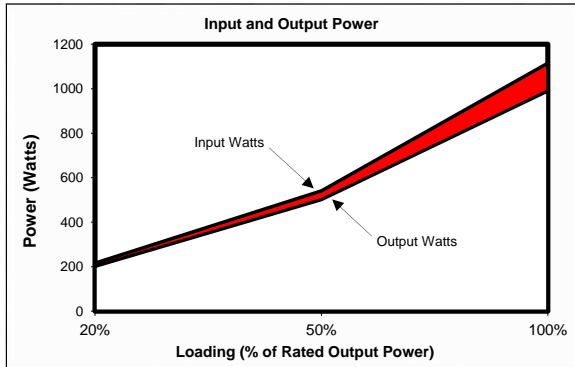
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-6	Amps
Input Frequency	63-47	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 15.73%, 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		
1.01	0.96	25.23%	10%	111.42	12.1/7.52	11.85/0.03	3.35/1.03	5.04/1.03	5.03/0.21	101.01	90.65%
1.94	0.97	21.69%	20%	216.73	12.09/15.05	11.86/0.05	3.34/2.07	5.03/2.06	5.01/0.43	201.91	93.16%
4.78	0.98	15.73%	50%	541.10	12.02/37.6	11.85/0.13	3.33/5.17	5.01/5.13	4.94/1.07	501.72	92.72%
9.76	0.99	9.45%	100%	1115.20	11.92/74.83	11.87/0.26	3.3/10.31	4.98/10.25	4.83/2.14	990.15	88.79%



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/>

