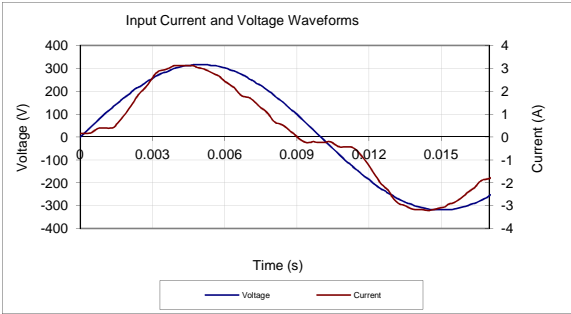


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	95.20%
AVERAGE EFFICIENCY :	94.29%
80 PLUS COMPLIANT:	YES



Ecos ID #	EU-148
Manufacturer	SAMA
Model Number	FTX-800-1
Serial Number	NA
Year	2015
Type	ATX12V
Test Date	8/6/15

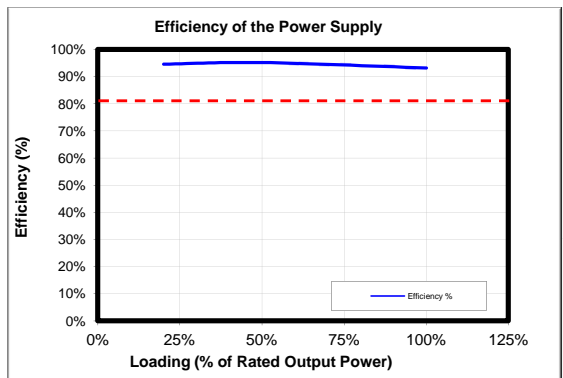
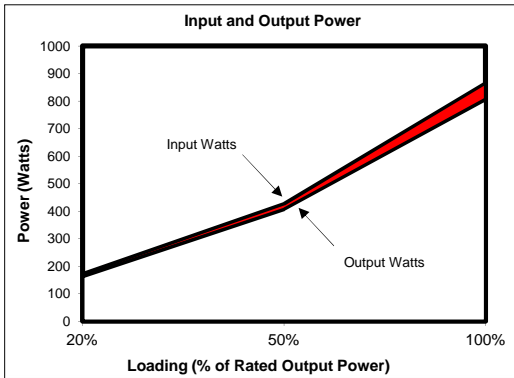


Input AC Current Waveform (I_{THD} = 26.27%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	47-63	Hz
Rated Output Power	800	Watts

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

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
0.45	0.88	41.62%	10%	90.18	12.23/6.04		11.81/0.02	3.4/0.8	5.07/0.8	5.07/0.2	81.95	90.88%
0.81	0.92	34.69%	20%	172.70	12.23/12.05		11.82/0.03	3.39/1.6	5.06/1.6	5.06/0.4	163.28	94.55%
1.94	0.96	26.27%	50%	427.60	12.18/30.18		11.81/0.08	3.38/4	5.04/3.97	5.03/0.99	407.08	95.20%
3.86	0.98	19.64%	100%	866.60	12.1/60.22		11.8/0.16	3.35/8	5.01/7.95	4.98/1.98	806.92	93.11%



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/>

