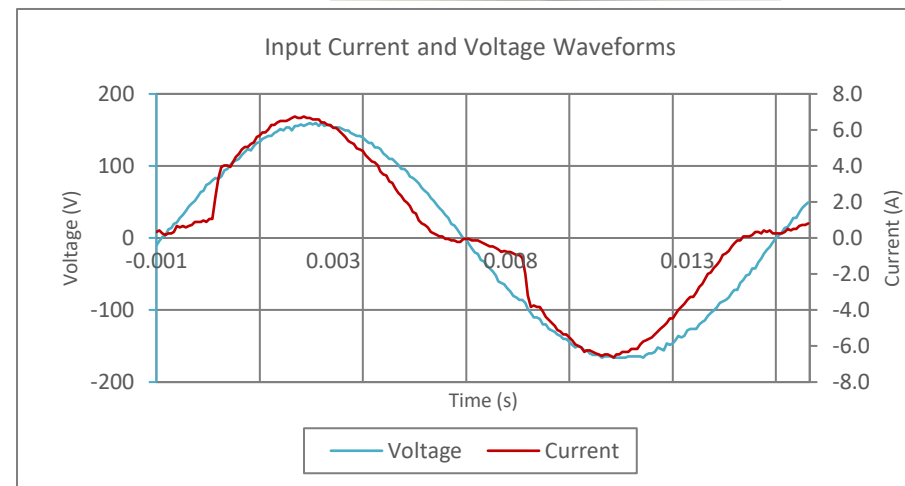


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.49%
AVERAGE EFFICIENCY :	91.18%
80 PLUS COMPLIANT:	YES



ID Number	6511
Manufacturer	SAMA
Model Number	FTX-850-B
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	3/23/21

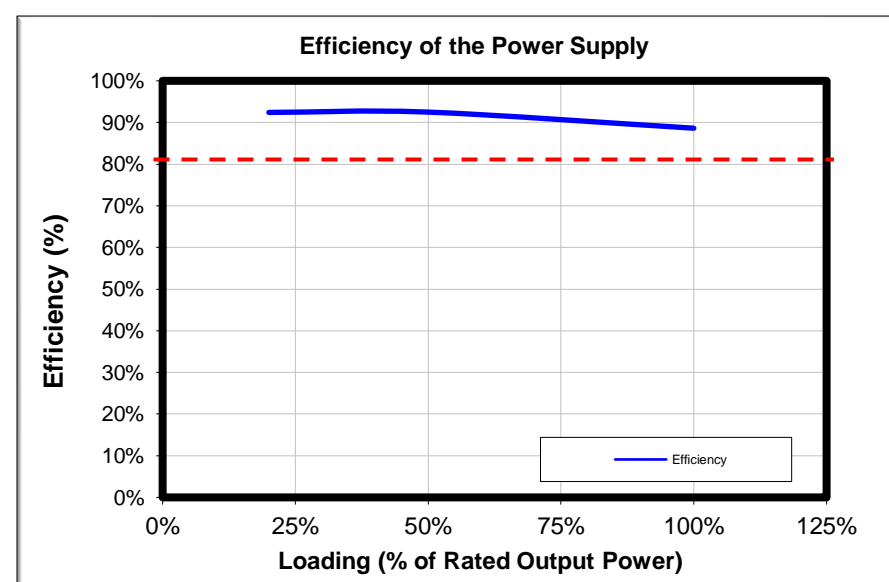
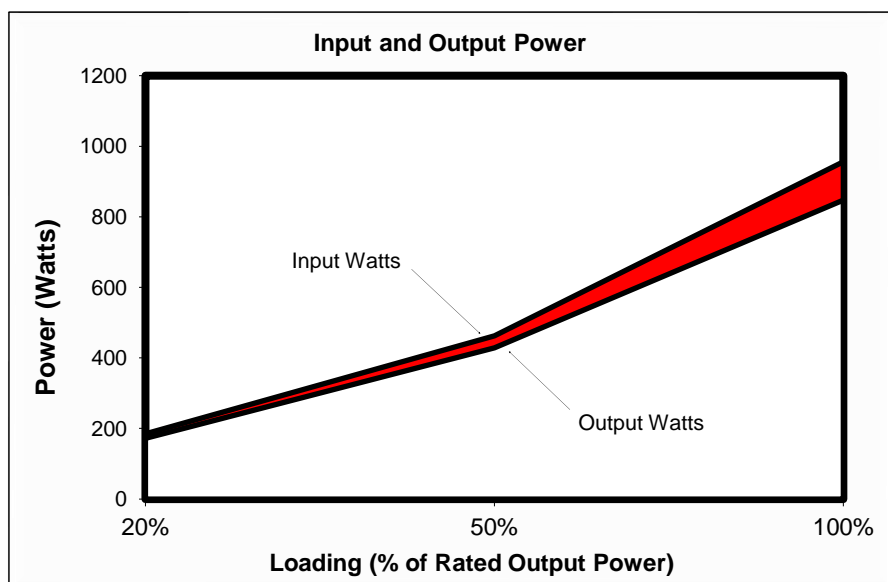


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-6	Amps
Input Frequency	63-47	Hz
Rated Output Power	850	Watts

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

Input AC Current Waveform (ITHD = 22.18%, 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	5Vsb		
0.89	0.93	34.47%	10%	95.83	12.08/6.23	11.82/0.03	3.32/1.08	5.07/1.08	5.06/0.27	85.96	89.70%
1.71	0.94	34.66%	20%	185.64	12.06/12.45	11.82/0.05	3.32/2.16	5.06/2.15	5.05/0.54	171.56	92.41%
4.14	0.97	22.18%	50%	462.80	12.02/31.14	11.81/0.13	3.4/5.41	5.05/5.36	5.03/1.35	428.04	92.49%
8.44	0.99	15.30%	100%	956.00	11.92/62.17	11.83/0.27	3.3/10.83	5.03/10.72	4.99/2.69	847.29	88.63%



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/>