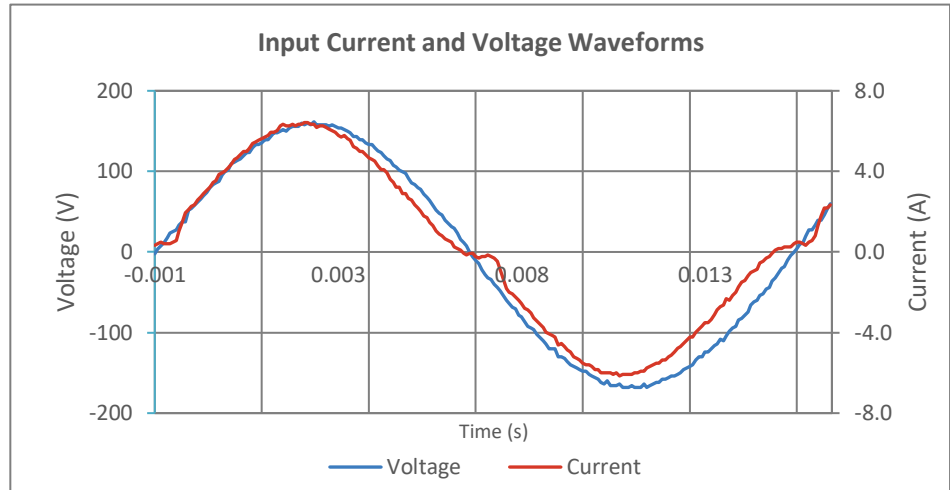


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.51%
AVERAGE EFFICIENCY :	89.01%
80 PLUS COMPLIANT:	Gold



ID Number	6873
Manufacturer	Thermaltake
Model Number	SFX-850AH8FKG TOUGHPower SFX 850W
Serial Number	N/A
Year	2022
Type	SFX
Test Date	9/21/22

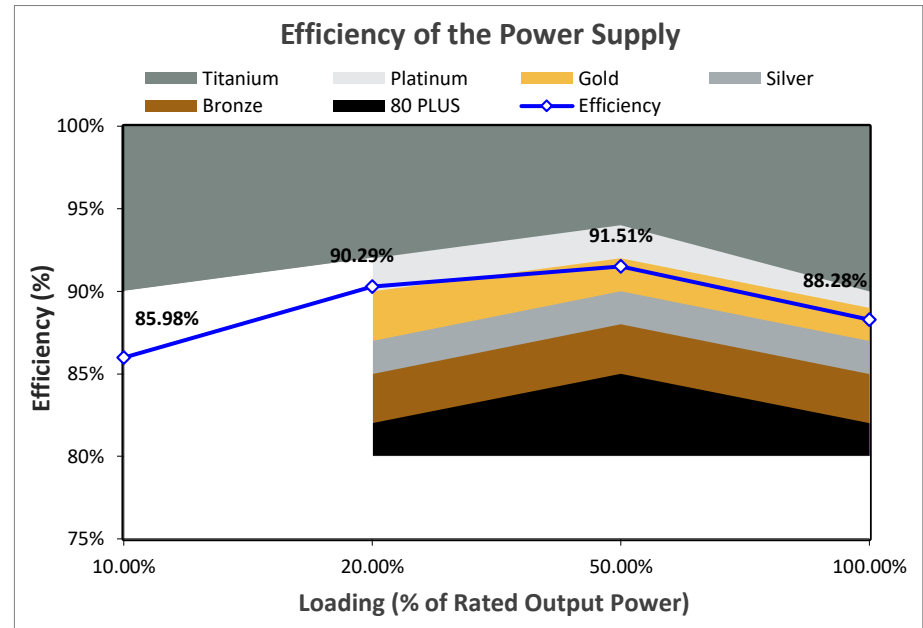
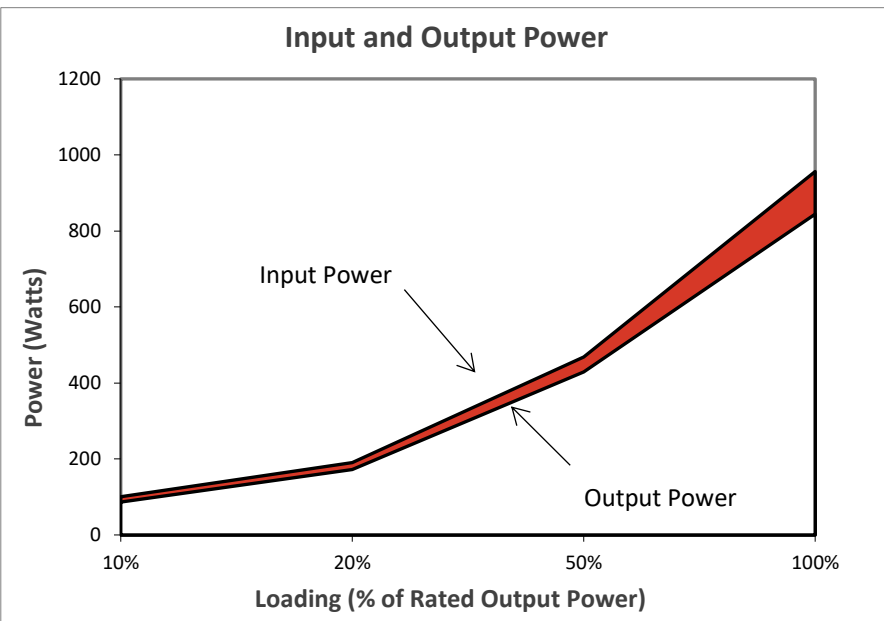


Input AC Current Waveform (ITHD = 10.32%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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

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		
0.919	0.9481	17.97%	10%	100.30	12.14/6.24	12.07/0.03	3.35/1.07	5.04/1.07	5.05/0.22	86.24	85.98%
1.722	0.9639	19.55%	20%	190.80	12.12/12.5	12.08/0.05	3.34/2.14	5.05/2.14	5.11/0.44	172.28	90.29%
4.117	0.9885	10.32%	50%	468.10	12.06/31.23	12.09/0.13	3.32/5.36	5.03/5.31	5.07/1.11	428.34	91.51%
8.358	0.9950	5.26%	100%	956.20	11.96/62.05	12.11/0.27	3.27/10.72	4.98/10.6	4.99/2.22	844.13	88.28%



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/>