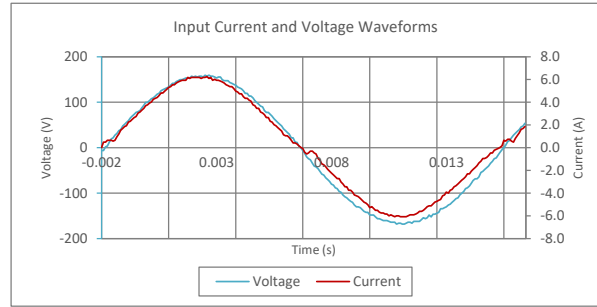


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.49%
AVERAGE EFFICIENCY :	90.50%
80 PLUS COMPLIANT:	YES



ID Number	6228
Manufacturer	FSP Technology Inc.
Model Number	SDA2-850
Serial Number	N/A
Year	2020
Type	ATX12V_SFX
Test Date	12/10/20

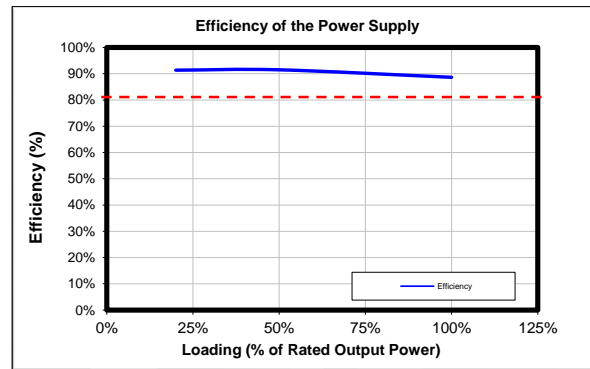
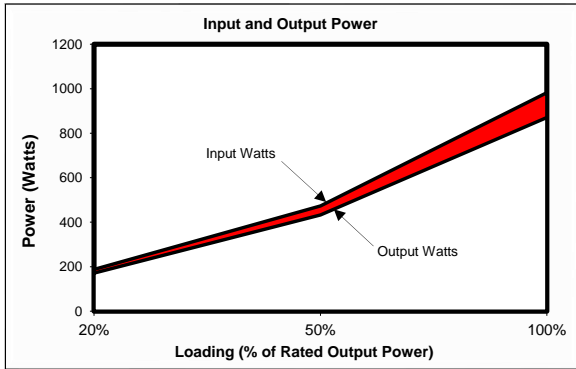


Input AC Current Waveform (ITHD = 7.02%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	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.)						
0.88	0.97	25.06%	10%	97.82	12.03/6.15	11.92/0.03	3.35/1.25	5.08/1.25	5.05/0.22	85.98	87.90%
1.66	0.98	17.96%	20%	187.84	12.06/12.25	11.92/0.05	3.38/2.49	5.11/2.48	5.04/0.43	171.60	91.36%
4.13	1.00	7.02%	50%	473.00	12.12/30.68	11.92/0.13	3.48/6.24	5.18/6.18	5/1.08	432.75	91.49%
8.55	1.00	4.43%	100%	982.20	12.19/61.25	11.93/0.26	3.58/12.48	5.3/12.34	4.93/2.15	870.62	88.64%



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/>

