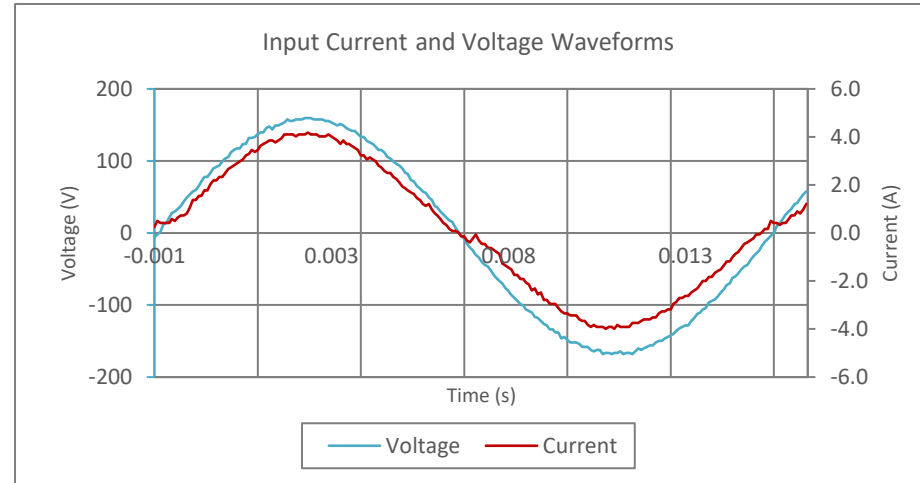


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.88%
AVERAGE EFFICIENCY :	89.57%
80 PLUS COMPLIANT:	YES



ID Number	5449
Manufacturer	FSP Technology Inc.
Model Number	SDA2-550
Serial Number	S8341030002
Year	2018
Type	ATX12V,SFX
Test Date	12/12/18

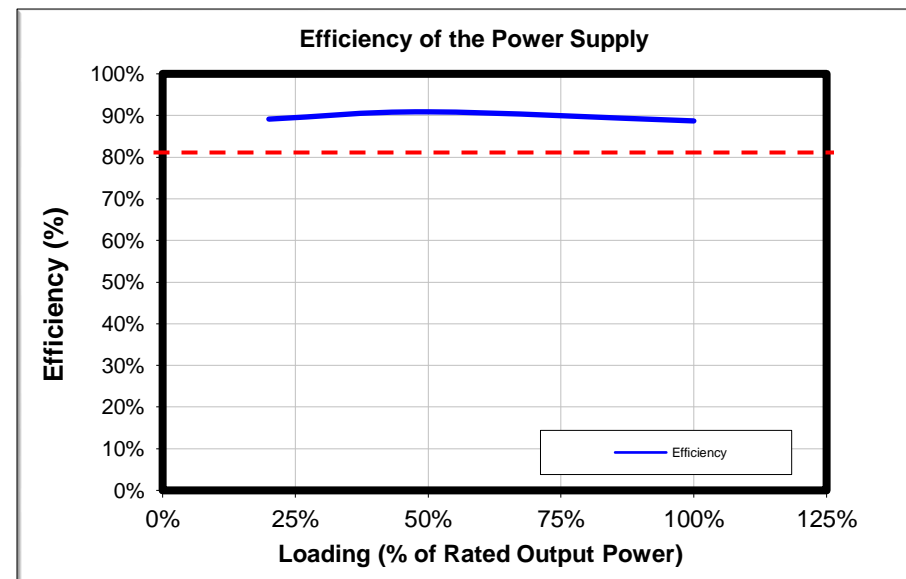
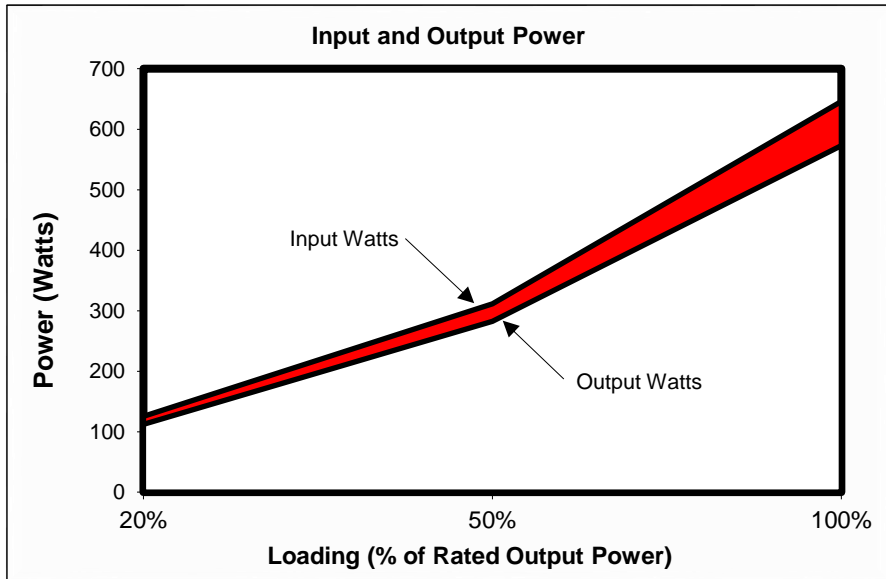


Input AC Current Waveform (ITHD = 7.99%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	60-50	Hz
Rated Output Power	550	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
0.60	0.96	27.34%	10%	65.71	12.14/3.66	11.94/0.02	3.34/1.18	5.07/1.18	5.09/0.2	55.59	84.59%
1.11	0.98	18.75%	20%	125.62	12.17/7.35	11.94/0.05	3.37/2.35	5.09/2.34	5.08/0.41	111.96	89.13%
2.71	1.00	7.99%	50%	311.00	12.26/18.4	11.95/0.12	3.46/5.88	5.18/5.83	5.04/1.02	282.64	90.88%
5.63	1.00	3.87%	100%	645.80	12.4/36.76	11.96/0.24	3.59/11.77	5.3/11.64	4.97/2.03	572.78	88.69%



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/>

