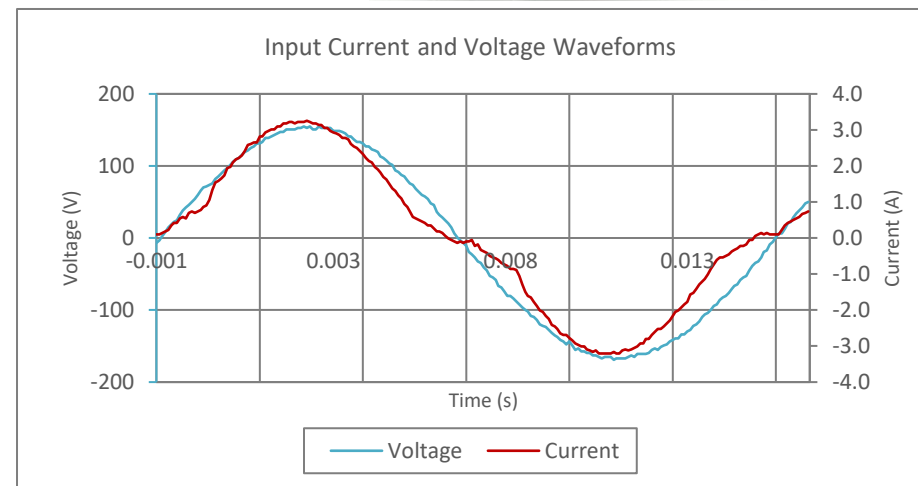


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	87.21%
AVERAGE EFFICIENCY :	85.26%
80 PLUS COMPLIANT:	YES



ID Number	5775
Manufacturer	FSP Technology Inc.
Model Number	FSP400-50AAC
Serial Number	S8120030058
Year	2019
Type	ATX12V
Test Date	11/12/19

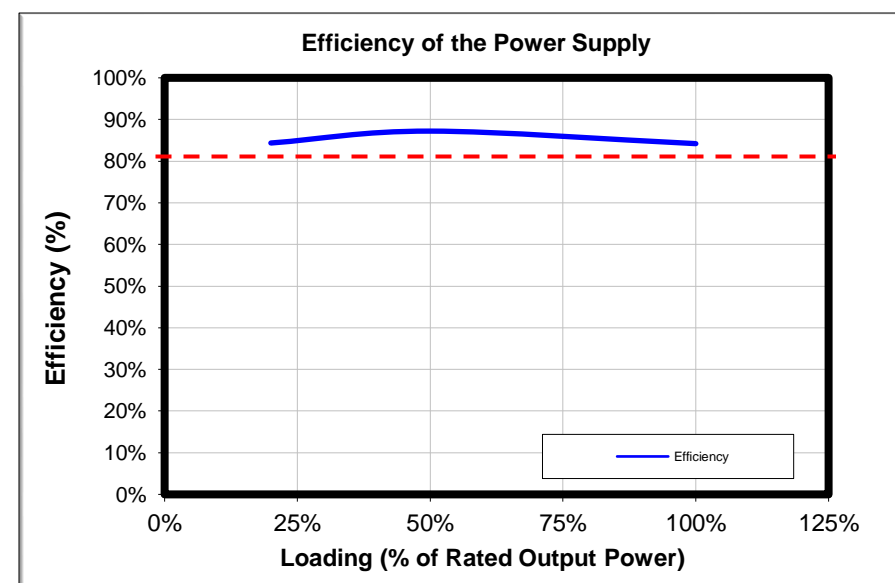
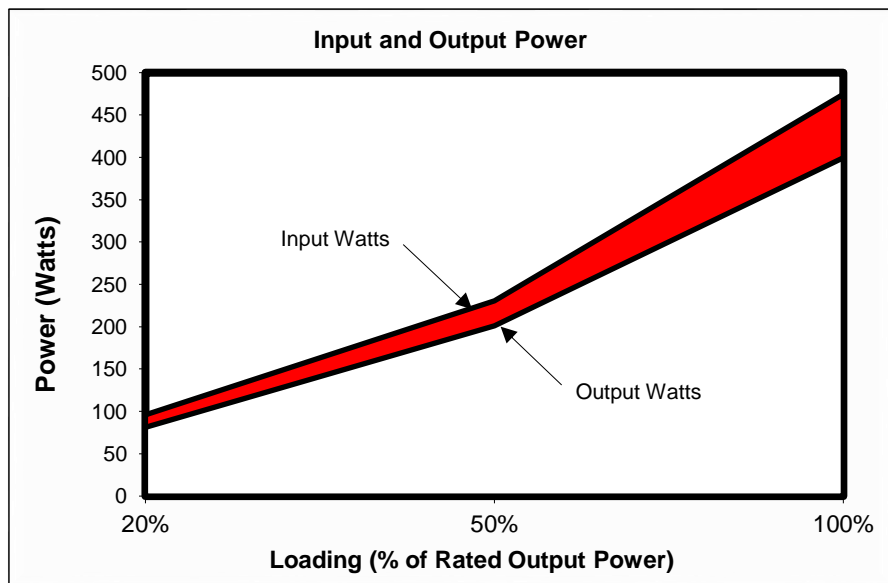


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5.5-2.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	400	Watts

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

Input AC Current Waveform (ITHD = 17.39%, 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		
0.47	0.97	12.04%	10%	52.12	12.11/2.67	11.97/0.02	3.32/0.82	5.02/0.82	5.14/0.2	40.40	77.51%
0.84	0.99	9.00%	20%	96.01	12.1/5.35	11.95/0.05	3.31/1.64	5.01/1.64	5.13/0.4	80.99	84.35%
2.04	0.98	17.39%	50%	230.81	12.05/13.37	11.97/0.12	3.29/4.09	4.99/4.06	5.08/1	201.29	87.21%
4.19	0.99	15.73%	100%	474.50	11.98/26.71	12.07/0.24	3.25/8.18	4.95/8.11	4.99/2	399.54	84.20%



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/>

