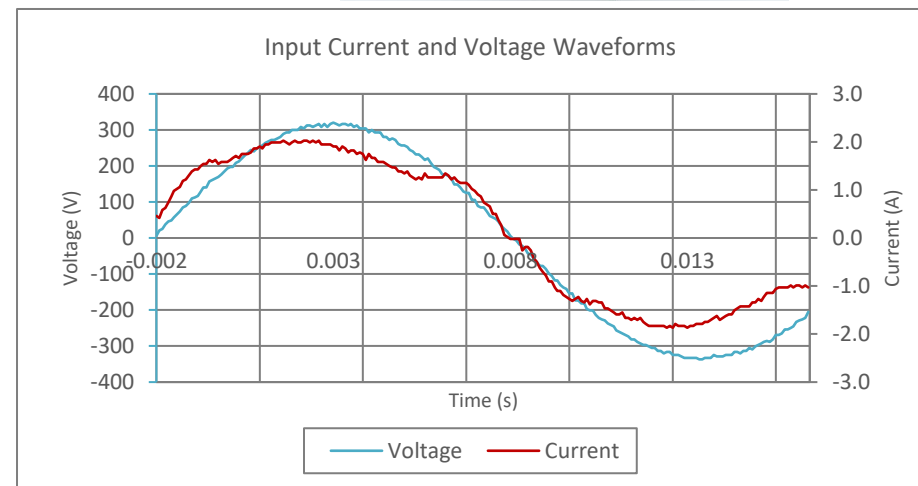


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	88.97%
AVERAGE EFFICIENCY :	87.12%
80 PLUS COMPLIANT:	YES



ID Number	EU-736
Manufacturer	SuperCase Computer Components Hellas Ltd
Model Number	FP-550W
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	9/29/20

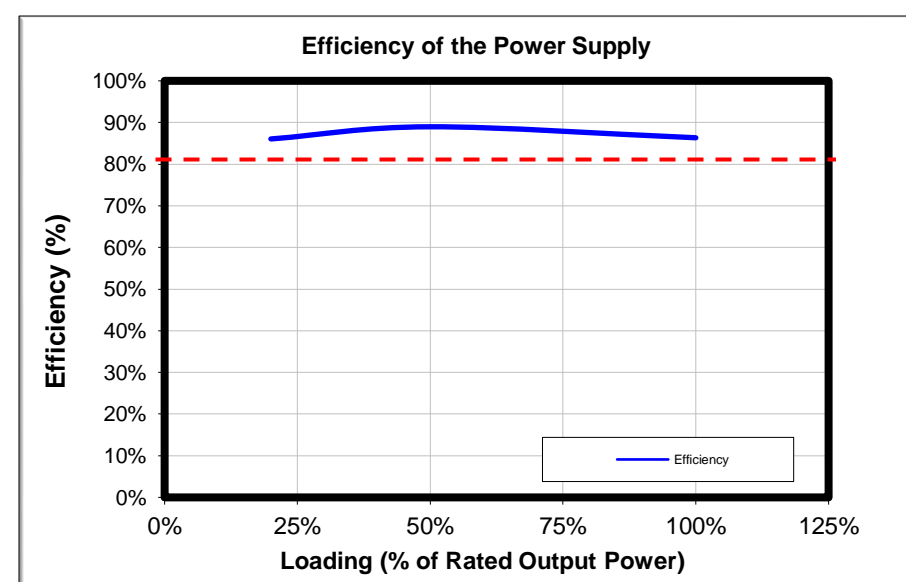
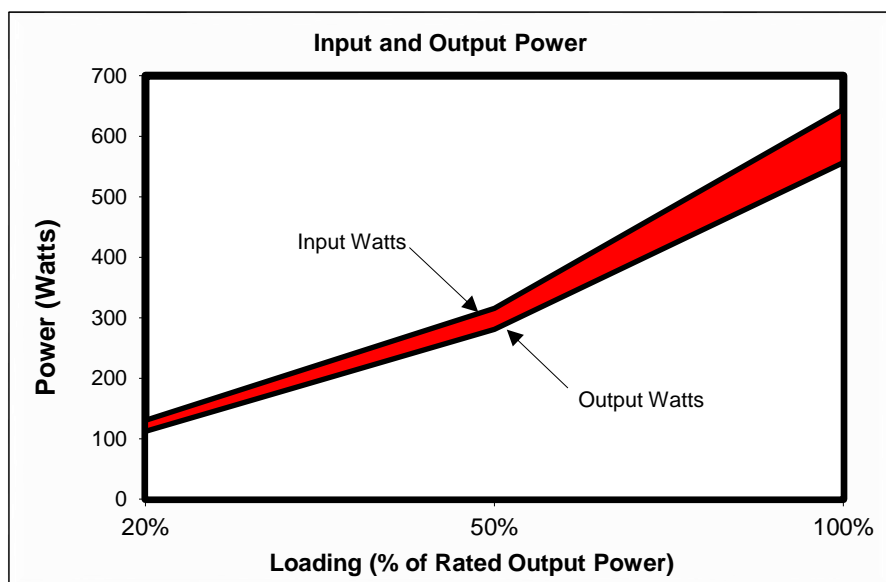


Rated Specifications	Value	Units
Input Voltage	230	Volts
Input Current	8/4	Amps
Input Frequency	60/50	Hz
Rated Output Power	550	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.

Input AC Current Waveform (ITHD = 13.41%, 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		
0.66	0.46	59.20%	10%	70.20	12.22/3.47	11.92/0.03	3.38/1.48	5.15/1.48	5.15/0.2	56.38	80.31%
0.92	0.62	58.54%	20%	130.52	12.21/6.92	11.95/0.06	3.37/2.96	5.14/2.94	5.14/0.39	112.32	86.05%
1.52	0.90	13.41%	50%	315.20	12.18/17.35	12.01/0.15	3.36/7.39	5.17/7.33	5.09/0.99	280.44	88.97%
2.89	0.97	6.92%	100%	644.30	12.12/34.64	12.12/0.3	3.34/14.8	5.01/14.63	5.01/1.97	556.24	86.33%



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/>

