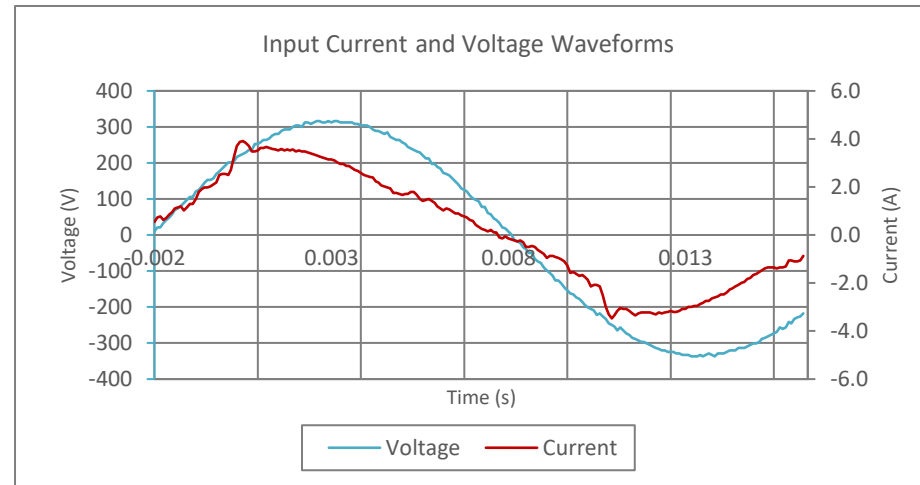


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	89.32%
AVERAGE EFFICIENCY :	87.46%
80 PLUS COMPLIANT:	YES



ID Number	EU-739
Manufacturer	SuperCase Computer Components Hellas Ltd
Model Number	FP-850W
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	9/29/20

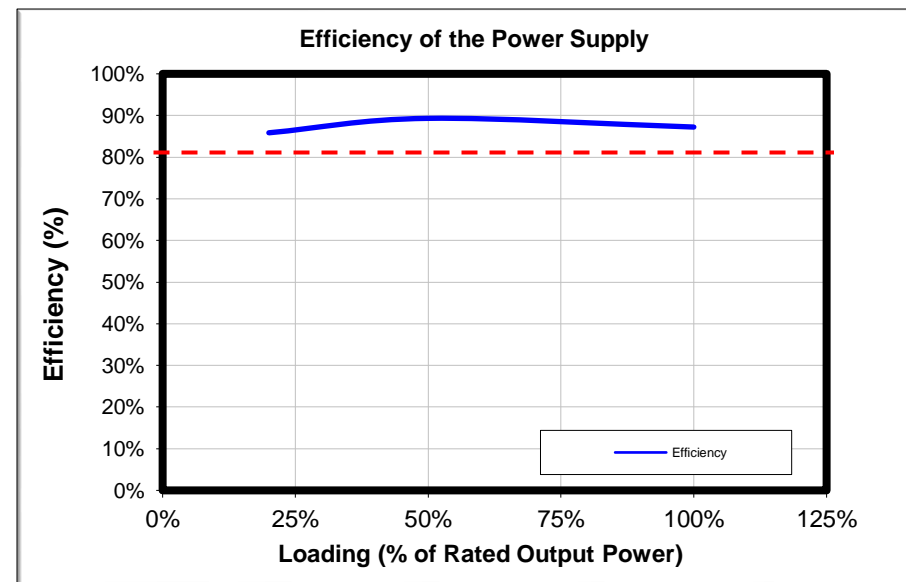
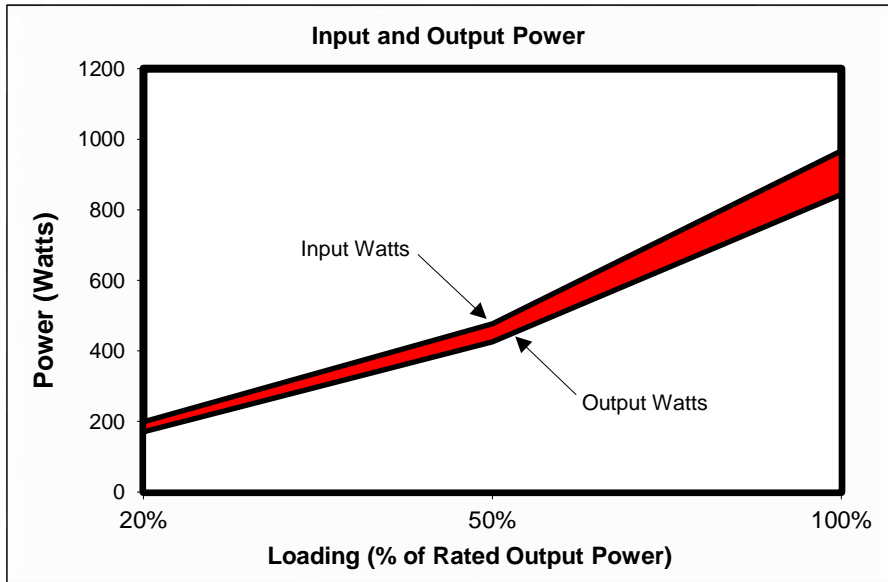


Input AC Current Waveform (ITHD = 17.81%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	230	Volts
Input Current	8/4	Amps
Input Frequency	60/50	Hz
Rated Output Power	850	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 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	0.79	18.94%	10%	109.58	12.05/6.04	12.7/0.03	3.36/1.39	5.1/1.39	5.13/0.2	85.87	78.36%
0.99	0.88	17.59%	20%	199.64	12.03/12.07	12.64/0.06	3.34/2.78	5.09/2.76	5.11/0.4	171.38	85.85%
2.20	0.94	17.81%	50%	477.40	12/30.16	12.68/0.15	3.27/6.96	5.03/6.89	5.03/0.99	426.40	89.32%
4.32	0.97	12.52%	100%	967.10	11.94/60.05	13.37/0.3	3.19/13.93	4.98/13.77	4.87/1.99	843.53	87.22%



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/>

