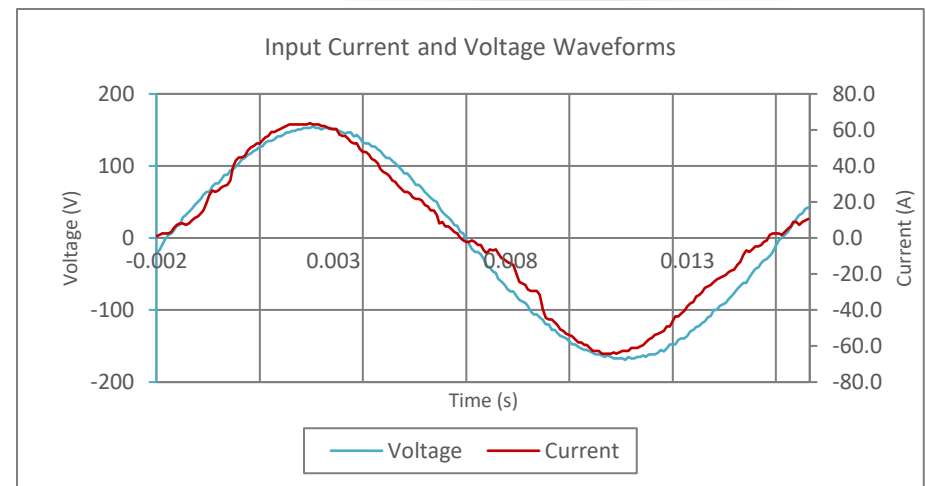


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>92.45%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>91.25%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



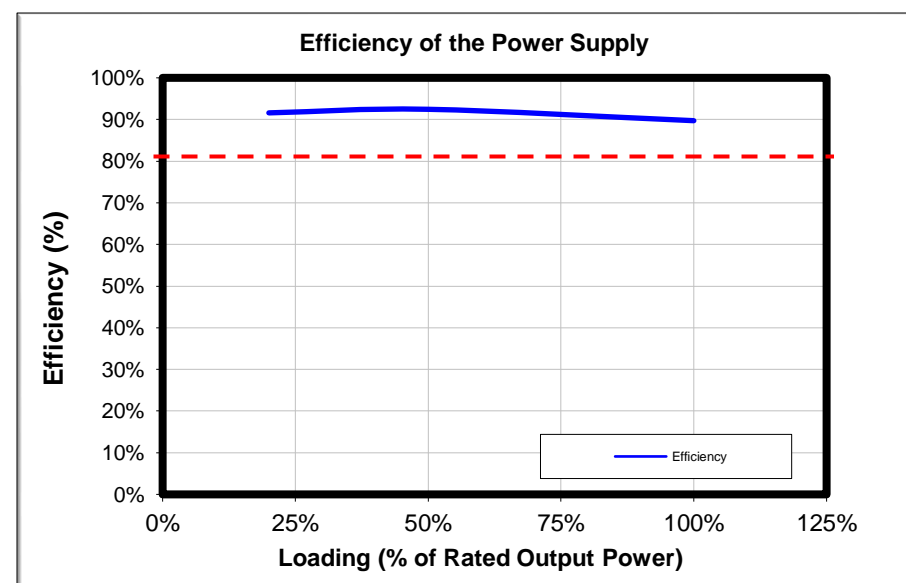
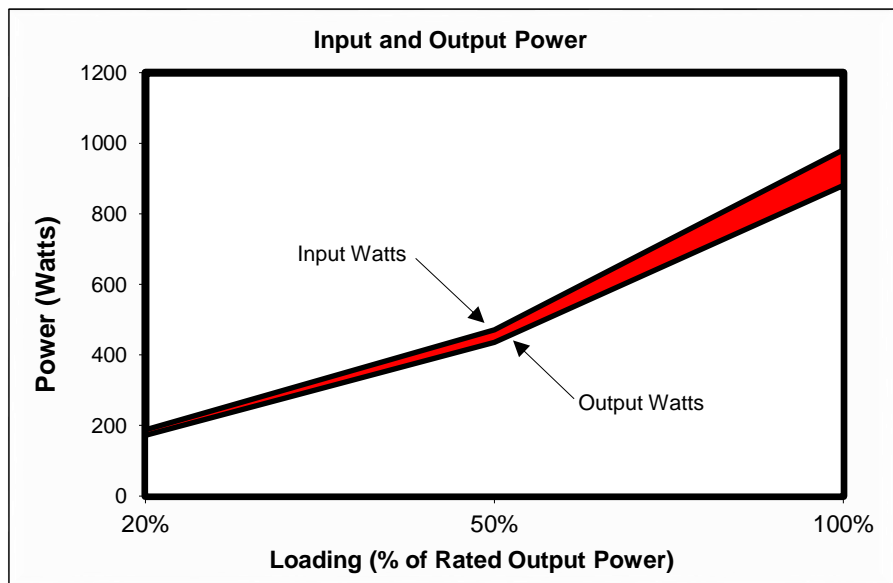
<b>ID Number</b>	5900
<b>Manufacturer</b>	ASUSTek Computer Inc.
<b>Model Number</b>	ROG-STRIX-850G
<b>Serial Number</b>	N/A
<b>Year</b>	2020
<b>Type</b>	ATX12V
<b>Test Date</b>	1/31/20



Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>850</b>	<b>Watts</b>

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

I <sub>RMS</sub>	PF	I <sub>THD</sub>	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		
0.89	0.96	18.97%	10%	97.72	12.06/6.23	12.06/0.03	3.35/1.07	5.04/1.07	5.11/0.27	85.84	87.84%
1.68	0.98	15.77%	20%	187.91	12.12/12.44	12.08/0.05	3.35/2.14	5.04/2.13	5.1/0.53	172.10	91.59%
4.15	0.99	13.87%	50%	470.60	12.25/31.18	12.27/0.13	3.39/5.34	5.05/5.3	5.05/1.33	435.05	92.45%
8.61	0.99	11.62%	100%	981.30	12.44/62.22	12.85/0.27	3.38/10.69	5.05/10.58	4.99/2.66	880.33	89.71%



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/>

