

# 80 PLUS Verification and Testing Report

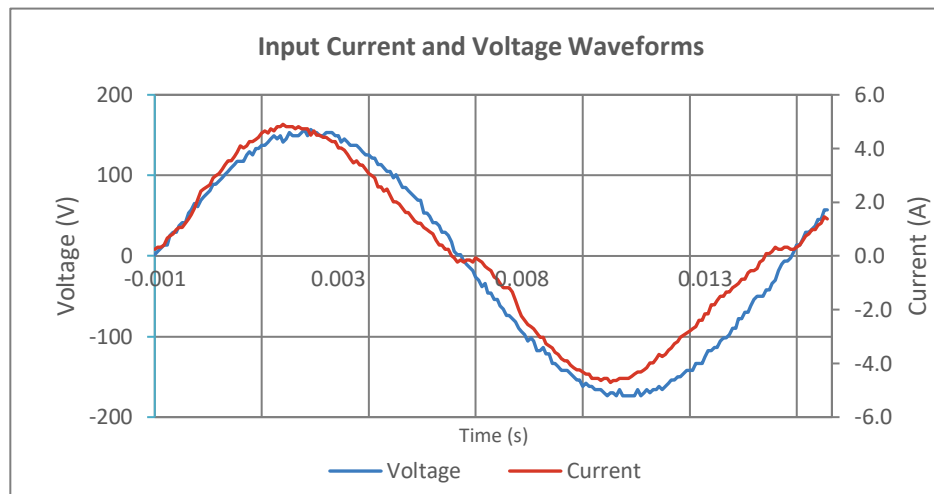
TYPICAL EFFICIENCY (50% Load):	91.20%
AVERAGE EFFICIENCY :	89.05%
80 PLUS COMPLIANT:	Gold



ID Number	6819
Manufacturer	Corsair
Model Number	RPS0160 (CP-9020252) (RM850x SHIFTr)
Serial Number	221771190000051910187
Year	2022
Type	ATX12V
Test Date	6/7/22

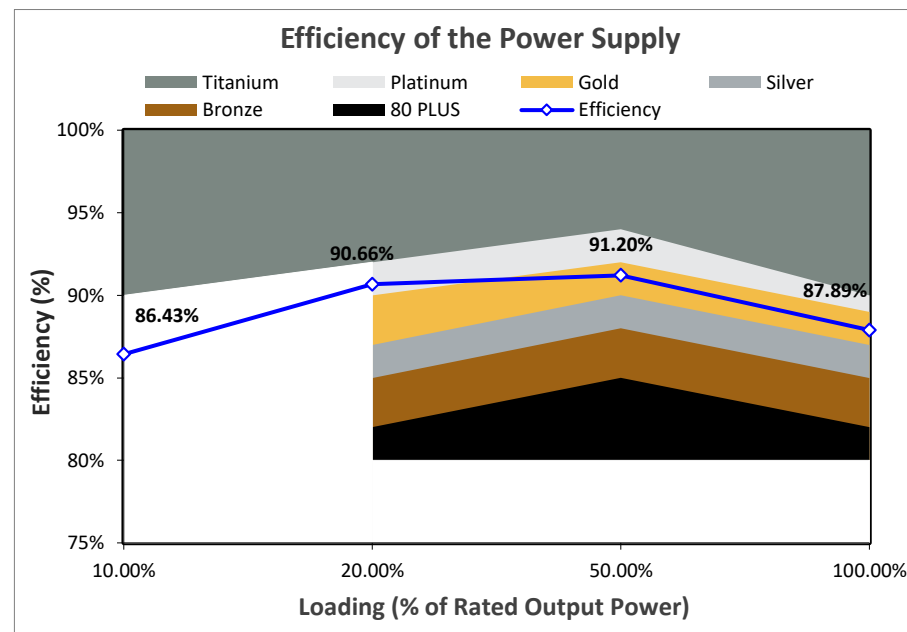
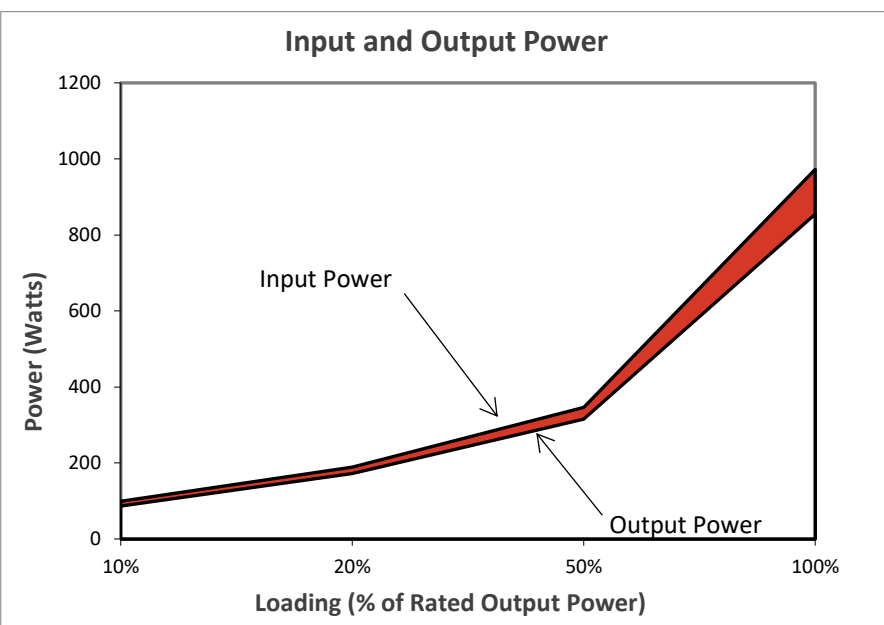
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	47-63	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 12.77%, 50% Load)

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.)	3.3V	5V	5Vsb		
0.886	0.9785	12.93%	10%	99.77	12.12/5.97	3.31/1.51	5.07/1.51	4.99/0.25	86.23	86.43%
1.669	0.9876	12.72%	20%	189.56	12.12/11.89	3.31/3.01	5.07/3.02	4.97/0.5	171.86	90.66%
3.044	0.9866	12.77%	50%	345.50	12.11/20.31	3.3/7.57	5.07/7.5	4.93/1.26	315.11	91.20%
8.509	0.9933	9.34%	100%	972.30	12.07/59.38	3.3/15.16	5.07/14.98	4.95/2.51	854.55	87.89%



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/>