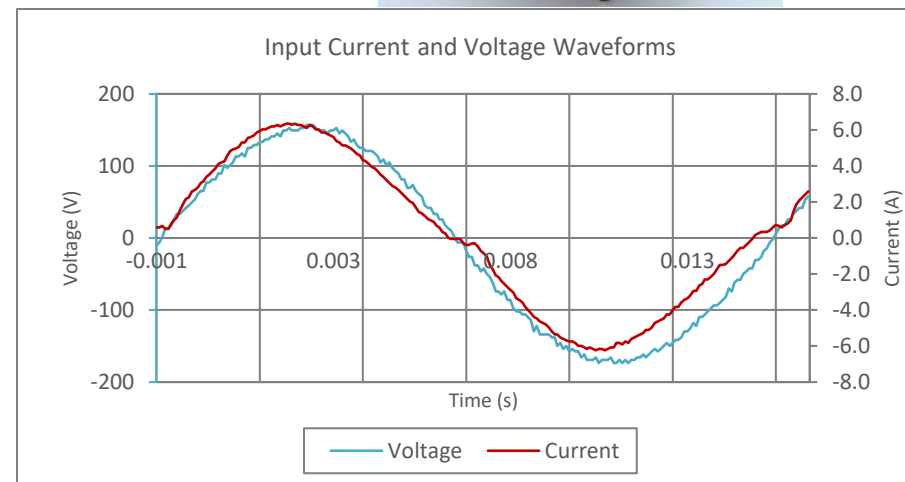


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.64%
AVERAGE EFFICIENCY :	90.41%
80 PLUS COMPLIANT:	YES



ID Number	6480
Manufacturer	Corsair
Model Number	RPS0120 (CP-9020235) RM850
Serial Number	20497180000045850152
Year	2021
Type	ATX12V
Test Date	2/23/21

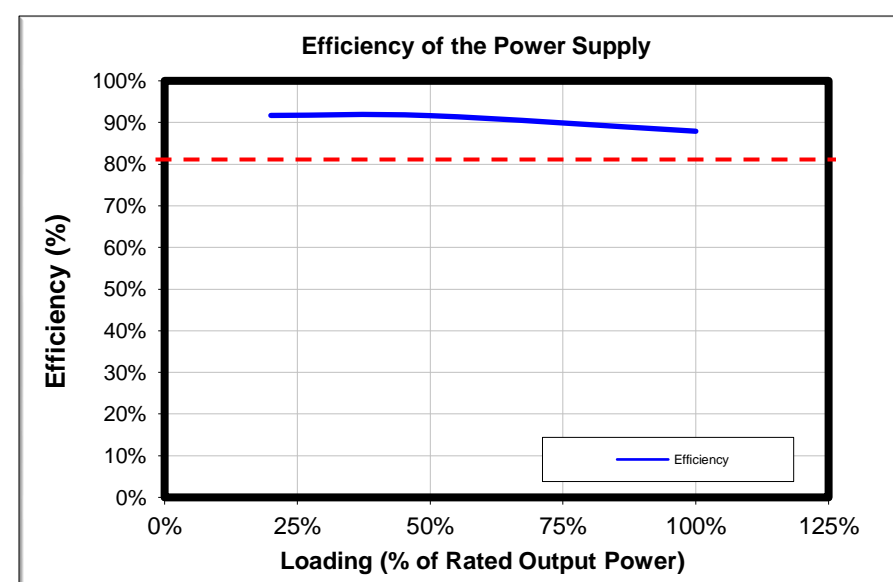
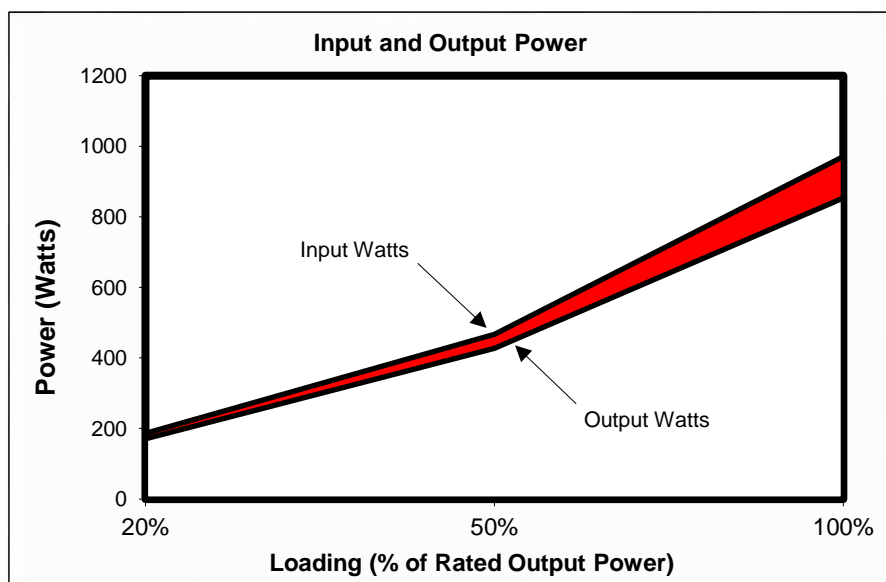


Input AC Current Waveform (ITHD = 9.52%, 50% Load)

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.

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
0.87	0.97	10.77%	10%	97.50	12.13/5.94	11.87/0.03	3.31/1.51	5/1.51	5/0.25	86.19	88.40%
1.64	0.99	9.51%	20%	186.90	12.11/11.84	11.87/0.05	3.31/3	5/3	4.99/0.5	171.37	91.69%
4.10	0.99	9.52%	50%	466.90	12.07/29.66	11.85/0.13	3.31/7.55	4.99/7.47	4.98/1.25	427.87	91.64%
8.49	0.99	7.50%	100%	970.80	12.03/59.34	11.82/0.25	3.3/15.11	4.98/14.94	4.96/2.5	853.32	87.90%



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/>