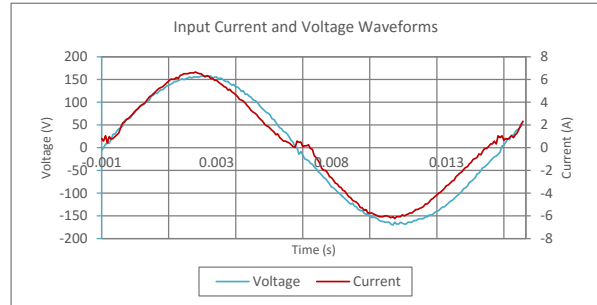


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.84%
AVERAGE EFFICIENCY :	89.37%
80 PLUS COMPLIANT:	YES



ID Number	5199
Manufacturer	Corsair
Model Number	RPS0110 (CP-9020180) (RM850X)
Serial Number	17477138000034450148
Year	2017
Type	ATX12V
Test Date	1/5/18

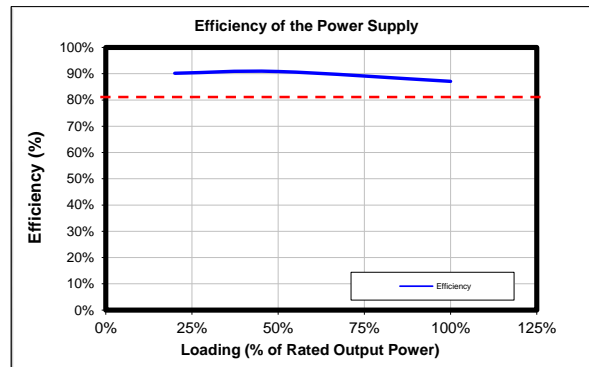
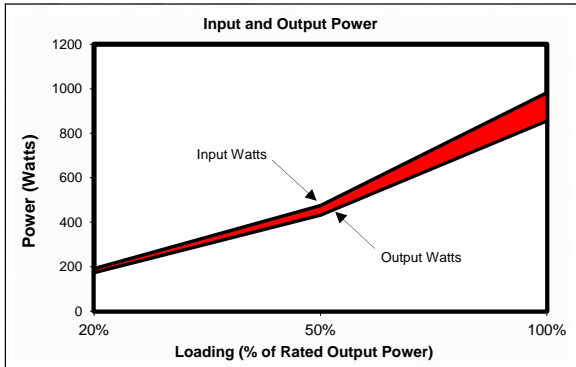


Input AC Current Waveform (ITHD = 10.91%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	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.)						
0.90	0.96	11.91%	10%	99.55	12.18/5.89	12.02/0.07	3.34/1.5	5.05/1.5	5.04/0.25	86.40	86.79%
1.69	0.98	10.55%	20%	191.82	12.18/11.81	12.01/0.13	3.34/3	5.04/2.97	5.04/0.5	172.98	90.18%
4.17	0.99	10.91%	50%	475.00	12.15/29.52	12/0.33	3.36/7.51	5.05/7.44	5.04/1.24	431.49	90.84%
8.58	1.00	7.41%	100%	982.10	12.1/58.71	11.95/0.66	3.35/15.02	5.03/14.81	5/2.49	855.33	87.09%



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/>

