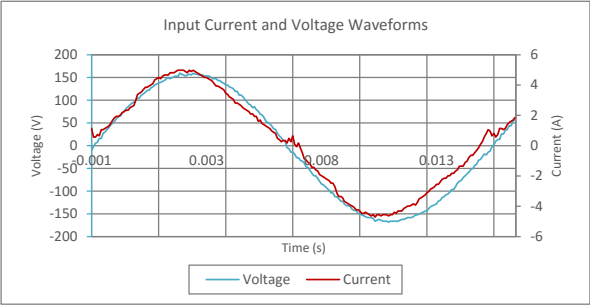


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.11%
AVERAGE EFFICIENCY :	88.73%
80 PLUS COMPLIANT:	YES



ID Number	5197
Manufacturer	Corsair
Model Number	RPS0108 (CP-9020178) (RM650X)
Serial Number	17477136000034430177
Year	2017
Type	ATX12V
Test Date	1/5/18

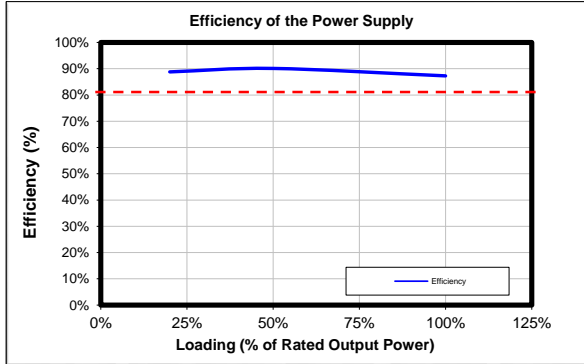
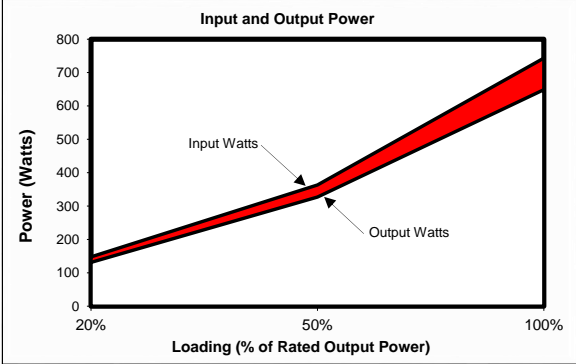


Input AC Current Waveform (ITHD = 9.05%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	47-63	Hz
Rated Output Power	650	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.)						
0.71	0.94	8.23%	10%	76.97	12.1/4.39	-12V	3.3V	5V	5Vsb	65.58	85.21%
1.31	0.98	8.52%	20%	147.93	12.09/8.79	11.94/0.13	3.3/2.54	5.01/2.52	5.01/0.49	131.35	88.79%
3.18	0.99	9.05%	50%	363.00	12.06/21.95	11.93/0.32	3.31/6.35	5.01/6.29	5/1.21	327.11	90.11%
6.50	0.99	7.86%	100%	743.40	12.01/43.66	11.86/0.65	3.31/12.69	5.02/12.54	4.99/2.43	648.86	87.28%



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/>

