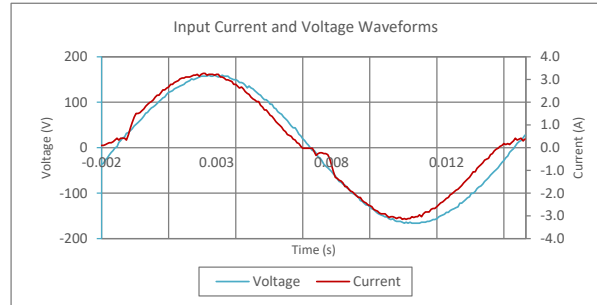


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.42%
AVERAGE EFFICIENCY :	91.31%
80 PLUS COMPLIANT:	YES



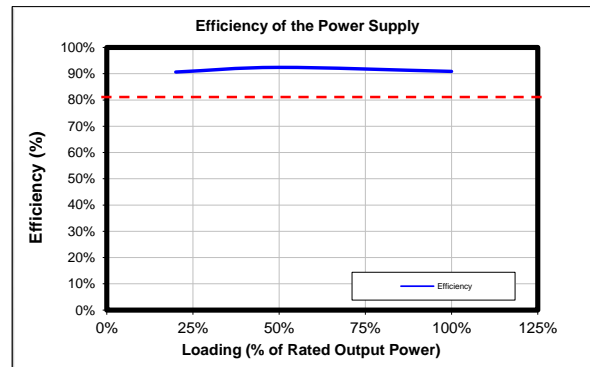
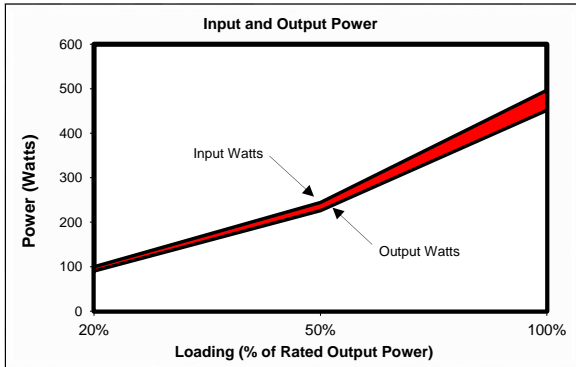
ID Number	5393
Manufacturer	Corsair
Model Number	RPS0111 (CP-9020181) (SF450)
Serial Number	N/A
Year	2018
Type	ATX12V,SFX
Test Date	9/28/18



Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	47-63	Hz
Rated Output Power	450	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.)						
0.48	0.95	15.03%	10%	51.96	11.97/2.98	11.86/0.02	3.37/0.8	5.06/1.06	5.05/0.2	44.96	86.52%
0.90	0.97	14.68%	20%	99.72	11.98/5.98	11.85/0.05	3.37/1.6	5.06/2.12	5.05/0.4	90.39	90.64%
2.15	0.99	9.30%	50%	244.39	11.98/14.97	11.86/0.12	3.37/3.99	5.06/5.28	5.04/0.99	225.86	92.42%
4.34	1.00	6.39%	100%	496.70	11.98/29.92	11.86/0.23	3.38/7.99	5.07/10.53	5.02/1.99	451.43	90.89%



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/>

