

80 PLUS Verification and Testing Report

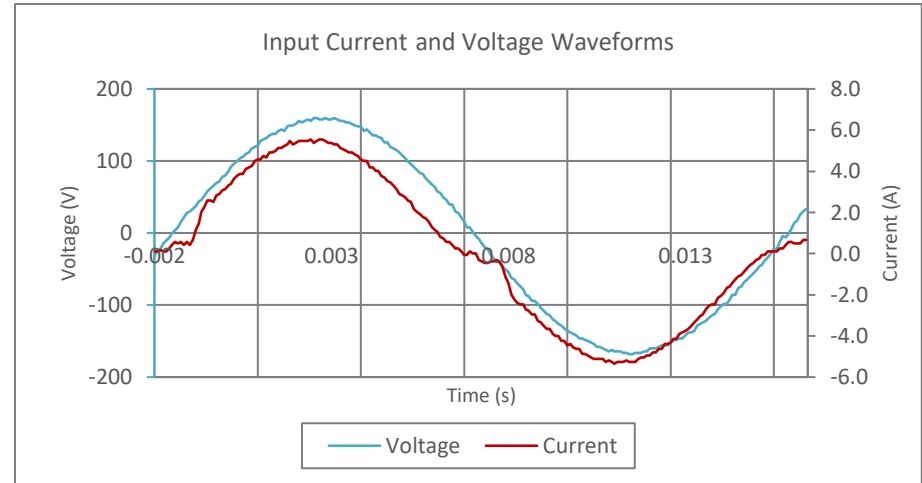
TYPICAL EFFICIENCY (50% Load):	92.51%
AVERAGE EFFICIENCY :	91.23%
80 PLUS COMPLIANT:	YES



ID Number	5415
Manufacturer	Corsair
Model Number	RPS0115 (CP-9020186) (SF750)
Serial Number	N/A
Year	2018
Type	ATX12V,SFX
Test Date	10/23/18

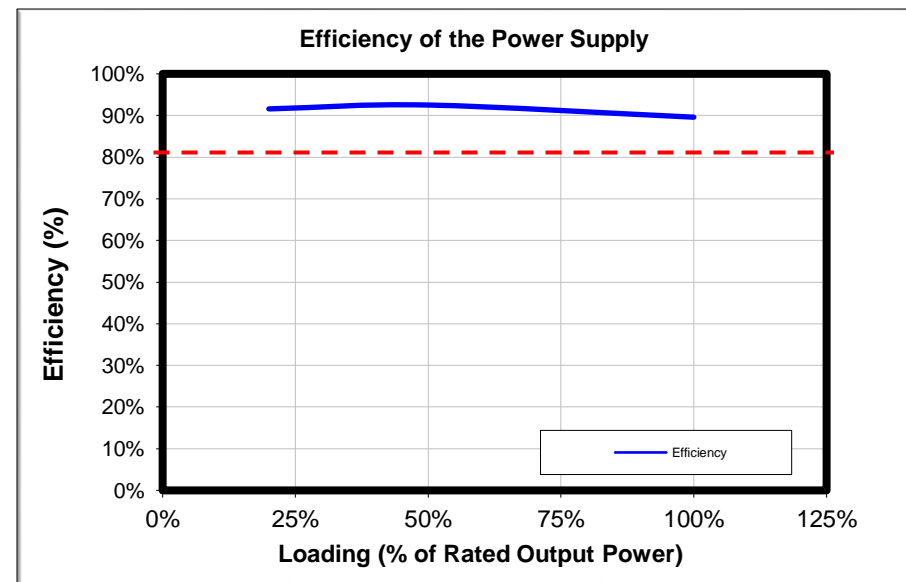
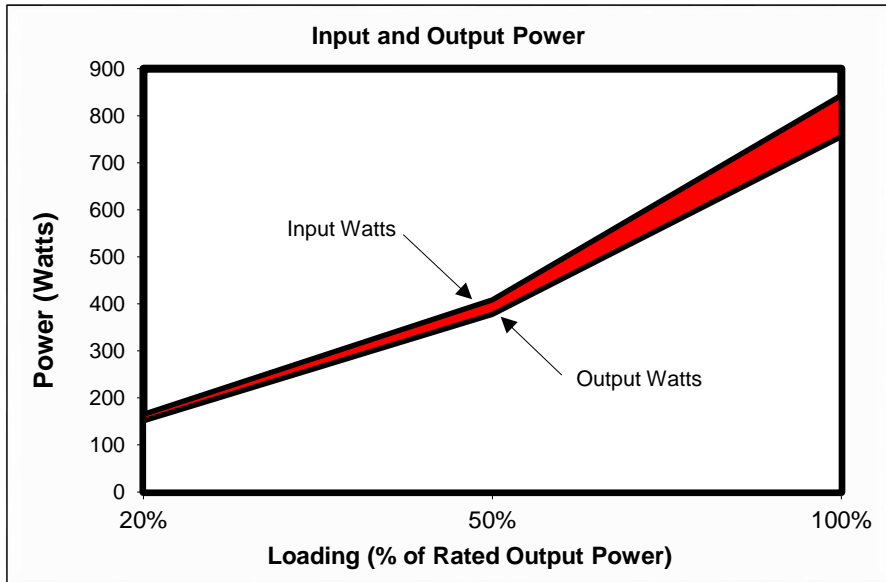
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	47-63	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 10.31%, 50% Load)

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
0.77	0.96	15.88%	10%	85.16	12.03/5.23	11.97/0.03	3.36/1.31	5.06/1.31	5.04/0.21	75.38	88.51%
1.47	0.97	15.96%	20%	164.97	12.03/10.5	11.97/0.05	3.36/2.62	5.06/2.6	5.04/0.42	151.08	91.58%
3.59	0.99	10.31%	50%	408.67	12.03/26.29	11.97/0.13	3.36/6.55	5.07/6.49	5.03/1.05	378.05	92.51%
7.37	1.00	7.36%	100%	843.40	12.05/52.48	11.98/0.25	3.36/13.12	5.07/12.98	5/2.09	755.60	89.59%



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/>

