

80 PLUS Verification and Testing Report

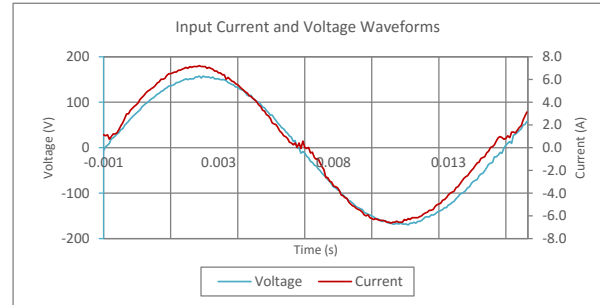
TYPICAL EFFICIENCY (50% Load):	94.30%
AVERAGE EFFICIENCY :	93.57%
80 PLUS COMPLIANT:	YES



ID Number	5291
Manufacturer	Corsair
Model Number	RPS0114 (CP-9020152) (AX1000)
Serial Number	R1803AAPC172003
Year	2018
Type	ATX12V
Test Date	5/10/18

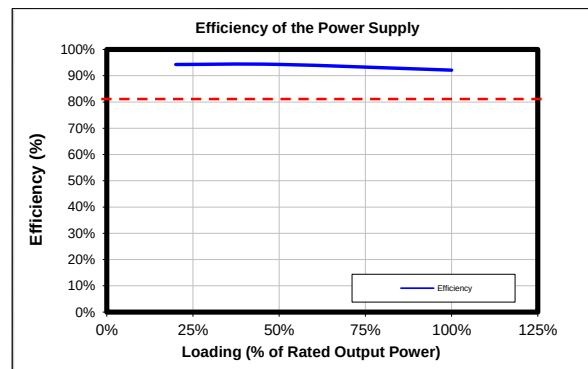
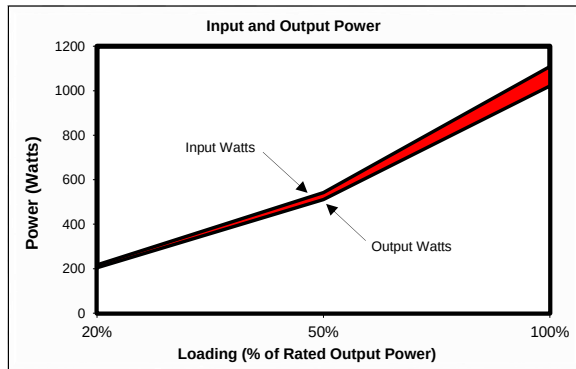
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13-6.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (THD = 6.27%, 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		
1.12	0.86	11.03%	10%	110.69	12.24/7.3	11.82/0.03	3.37/1.32	5.06/1.32	5.05/0.26	102.10	92.24%
1.98	0.95	9.92%	20%	216.89	12.24/14.62	11.82/0.05	3.37/2.64	5.05/2.62	5.05/0.53	204.47	94.27%
4.78	0.99	6.27%	50%	541.80	12.24/36.56	11.83/0.13	3.37/6.61	5.05/6.55	5.04/1.32	510.94	94.30%
9.68	1.00	2.69%	100%	1108.60	12.24/73.08	11.84/0.26	3.36/13.24	5.05/13.09	5.03/2.63	1021.31	92.13%



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/>

