

80 PLUS Verification and Testing Report

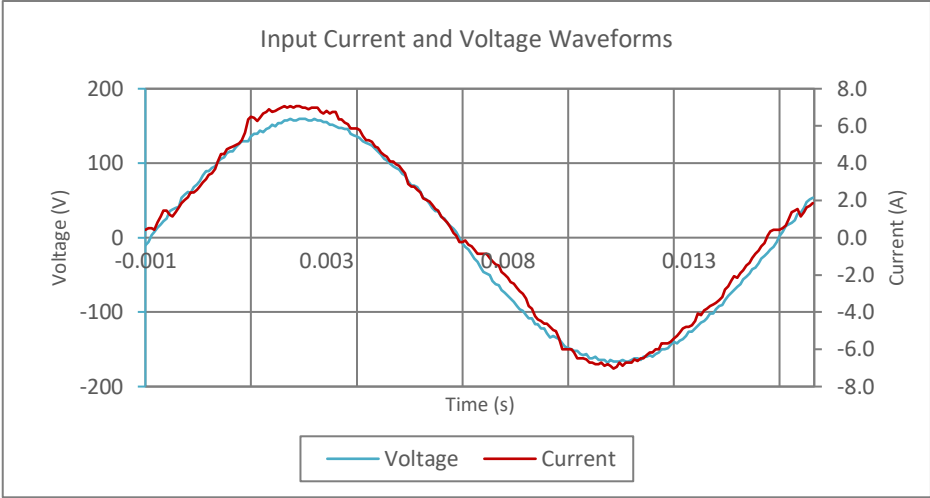
TYPICAL EFFICIENCY (50% Load):	92.82%
AVERAGE EFFICIENCY :	91.67%
80 PLUS COMPLIANT:	YES



ID Number	6769
Manufacturer	Corsair
Model Number	RPS0131 (CP-9020259) (HX1000i)
Serial Number	21507127000042020184
Year	2022
Type	ATX12V
Test Date	2/3/22

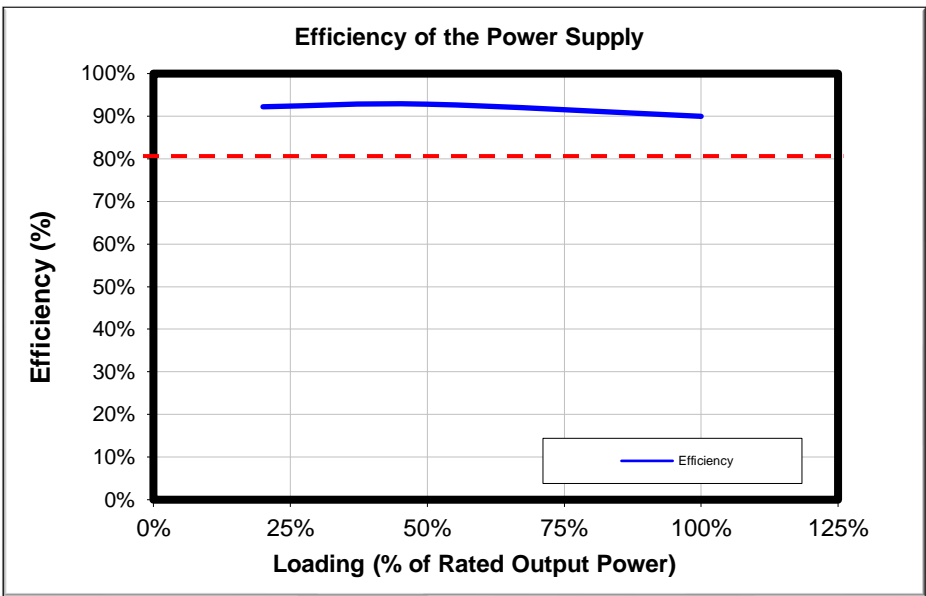
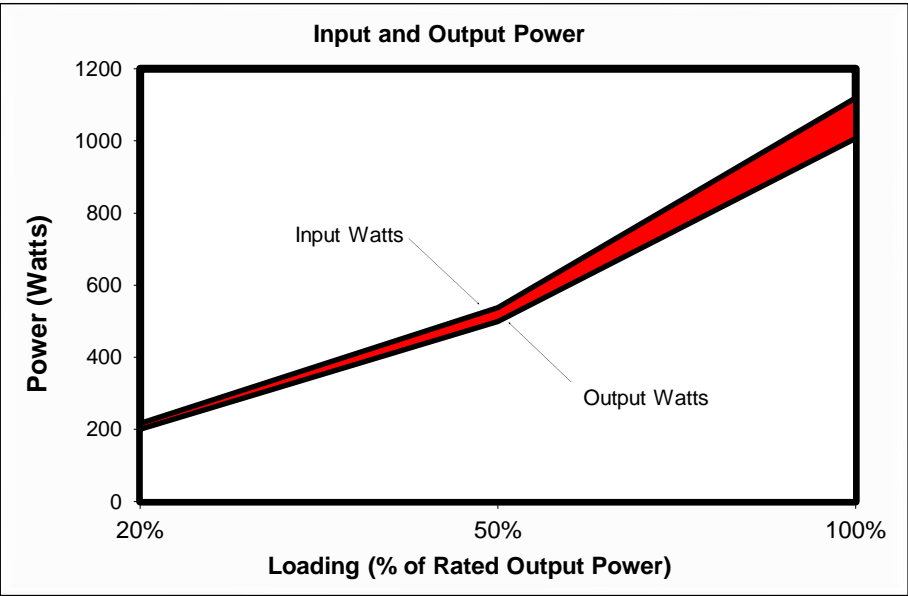
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13-6.5	Amps
Input Frequency	47-63	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 7.64%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	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		
1.00	0.98	9.87%	10%	112.75	11.97/7.16	12.12/0.03	3.3/1.55	5.03/1.55	5.03/0.26	100.24	88.90%
1.89	1.00	8.31%	20%	216.68	11.96/14.3	12.13/0.05	3.3/3.07	5.04/3.07	5.04/0.51	199.80	92.21%
4.69	1.00	7.64%	50%	537.20	11.91/35.78	12.12/0.13	3.31/7.75	5.05/7.67	5.04/1.28	498.63	92.82%
9.75	1.00	3.93%	100%	1119.20	12.07/71.44	12.12/0.26	3.31/15.48	5.04/15.31	5.04/2.57	1006.93	89.97%



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/>