

80 PLUS Verification and Testing Report

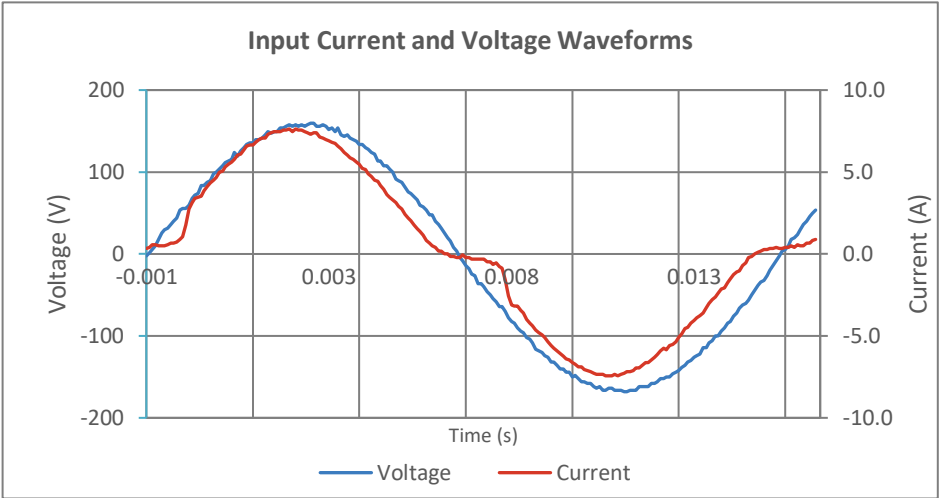
TYPICAL EFFICIENCY (50% Load):	91.32%
AVERAGE EFFICIENCY :	88.09%
80 PLUS COMPLIANT:	Gold



ID Number	6856.2
Manufacturer	Corsair
Model Number	RPS0209
Serial Number	N/A
Year	2022
Type	ATX12V
Test Date	8/12/22

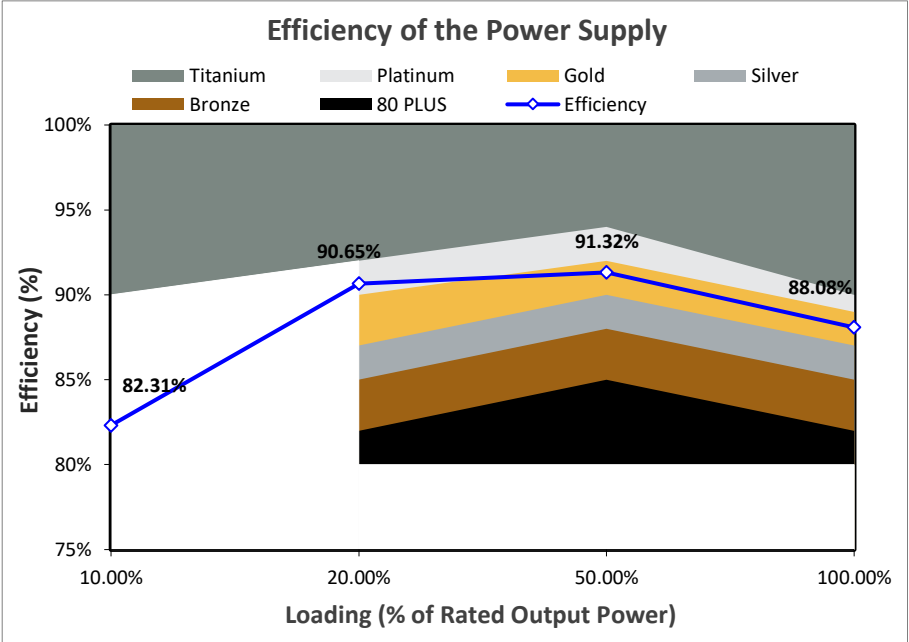
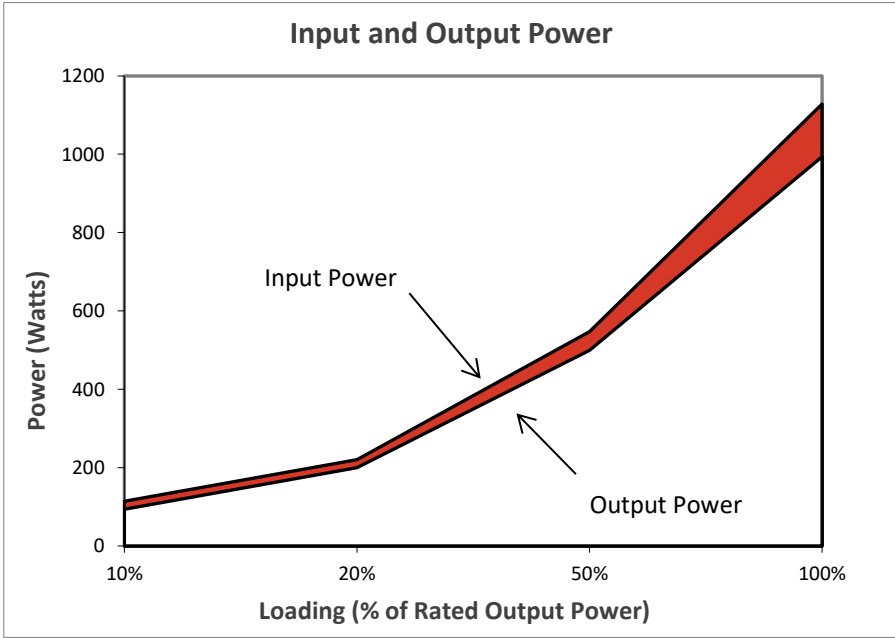
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-8	Amps
Input Frequency	47-63	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 15.92%, 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		
1.025	0.9653	25.70%	10%	113.80	11.98/7.21	11.52/0.08	3.28/1.36	4.97/0.14	5.06/0.26	93.67	82.31%
1.988	0.9634	25.13%	20%	220.30	11.98/14.45	11.51/0.14	3.28/2.71	5/2.7	5.08/0.52	199.71	90.65%
4.833	0.9841	15.92%	50%	546.80	11.96/36.2	11.52/0.35	3.28/6.79	5/6.73	5.02/1.3	499.32	91.32%
9.876	0.9932	10.29%	100%	1128.40	11.92/72.27	11.46/0.69	3.27/13.59	5/13.42	4.93/2.6	993.88	88.08%



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/>