80 PLUS Verification and Testing Report

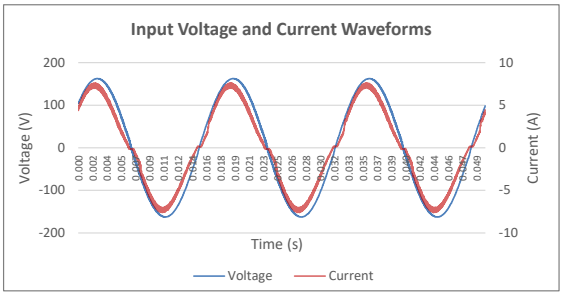
TYPICAL EFFICIENCY (50% Load):	91.76%
AVERAGE EFFICIENCY :	87.87%
80 PLUS COMPLIANT:	Gold



ID Number	7165
Manufacturer	Corsair
Model Number	RPS0161 (CP-9020275) (RM1000x SHIFT)
Serial Number	A6GLA3342004Q7
Year	2023
Type	ATX12V
Test Date	9/28/23

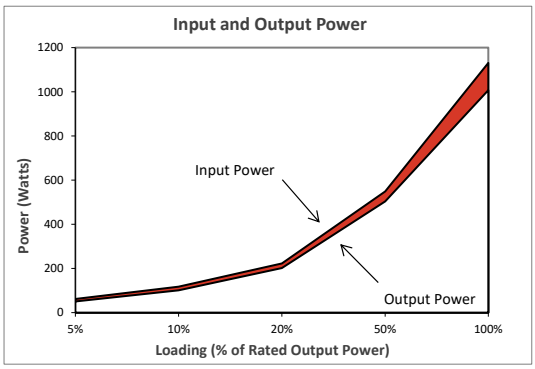
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	47-63	Hz
Rated Output Power	1000	Watts

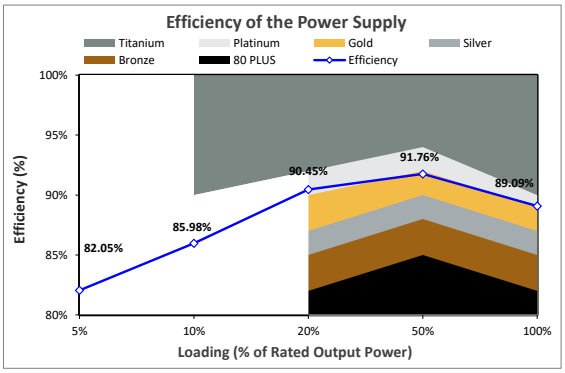
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 11.07%, 50% Load)

I_{RMS} (A)	PF	I_{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	3.3V	5V	5Vstb		
0.098	0.2714	19.22	0%	3.05	No-Load					
0.560	**0.9543**	20.12	5%	61.46	12.1/3.58	3.3/0.78	5.04/0.78	5.05/0.129	50.43	**82.05%**
1.044	**0.9760**	15.31	10%	117.19	12.09/7.15	3.3/1.55	5.04/1.55	5.04/0.258	100.75	**85.98%**
1.961	**0.9874**	12.02	20%	222.68	12.09/14.31	3.3/3.11	5.05/3.1	5.03/0.515	201.42	**90.45%**
4.818	**0.9903**	11.07	50%	548.63	12.09/35.77	3.3/7.76	5.05/7.76	4.99/1.288	503.44	**91.76%**
9.879	**0.9949**	8.32	100%	1130.68	12.09/71.53	3.3/15.52	5.06/15.52	5.02/2.575	1007.27	**89.09%**





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/*