80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.80%
AVERAGE EFFICIENCY :	88.66%
80 PLUS COMPLIANT:	Gold



ID Number	7043
Manufacturer	Rosewill
Model Number	CS-1000M
Serial Number	N/A
Year	2023
Туре	ATX12V
Test Date	5/11/23

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	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.

I _{RMS (A)}	PF	I _{THD (%)}	Load	Input	DC Terminal Voltage (V)/ DC Load Current (A)				Output	Efficiency	
				Watts	12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vsb	Watts	Efficiency
0.127	0.2515	23.24	0%	3.68	No-Load						
0.565	0.9280	26.15	5%	60.33	12.13/3.67	12.31/0.01	3.29/0.64	5/0.64	5.08/0.13	50.64	83.94%
1.045	0.9594	21.13	10%	115.37	12.13/7.33	12.32/0.02	3.29/1.26	5/1.27	5.08/0.26	101.03	87.58%
1.963	0.9775	17.54	20%	220.75	12.11/14.67	12.33/0.06	3.29/2.53	5/2.53	5.07/0.53	202.10	91.55%
4.837	0.9869	13.12	50%	548.79	12.08/36.69	12.36/0.13	3.29/6.34	4.99/6.29	5.03/1.32	503.82	91.80%
9.887	0.9960	6.70	100%	1132.50	12.02/73.34	12.4/0.26	3.28/12.65	4.97/12.57	4.97/2.64	1001.57	88.44%







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/*

Input AC Current Waveform (ITHD = 13.12%, 50% Load)