80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.02%
AVERAGE EFFICIENCY :	88.43%
80 PLUS COMPLIANT:	Platinum



ID Number	7254
Manufacturer	MaxPower International
Model Number	MP-1300W-U-G
Serial Number	N/A
Year	2023
Туре	ATX12V
Test Date	12/13/23

Rated Specifications	Value	Units
Input Voltage	100~240	Volts
Input Current	15~7.5	Amps
Input Frequency	50~60	Hz
Rated Output Power	1300	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	5Vstb	Watts	Efficiency
0.261	0.7136	16.29	0%	21.42	No-Load						
0.723	0.9605	12.22	5%	79.85	12.07/4.97	11.88/0.014	3.36/0.55	5.11/0.55	5.14/0.115	65.46	81.98%
1.320	0.9813	10.19	10%	148.93	12.07/9.95	11.88/0.028	3.36/1.11	5.1/1.11	5.14/0.23	130.92	87.91%
2.545	0.9819	12.79	20%	287.46	12.08/19.89	11.9/0.055	3.35/2.22	5.08/2.22	5.12/0.46	261.98	91.14%
6.219	0.9936	9.01	50%	710.44	12.06/49.72	11.9/0.138	3.31/5.55	5.04/5.55	5.09/1.151	653.74	92.02%
12.753	0.9963	6.81	100%	1460.95	12.03/99.43	11.86/0.276	3.23/11.09	4.98/11.09	5.05/2.301	1302.06	89.12%







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 = 9.01%, 50% Load)