

80 PLUS Verification and Testing Report

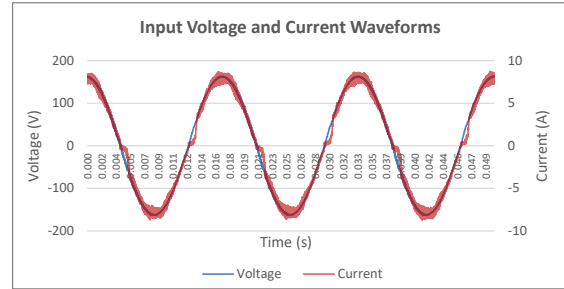
TYPICAL EFFICIENCY (50% Load):	92.46%
AVERAGE EFFICIENCY :	89.71%
80 PLUS COMPLIANT:	Platinum



ID Number	7124
Manufacturer	Great Wall Power Supply Technology Co., Ltd.
Model Number	GW-EPS1200DA
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	8/24/23

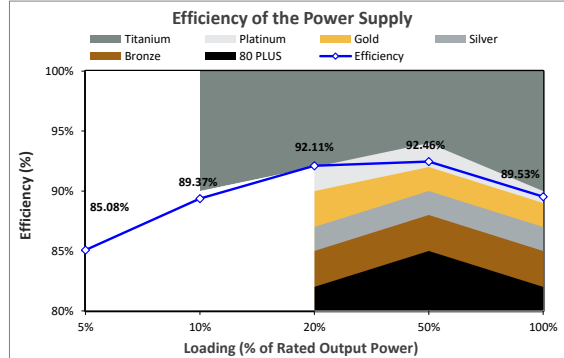
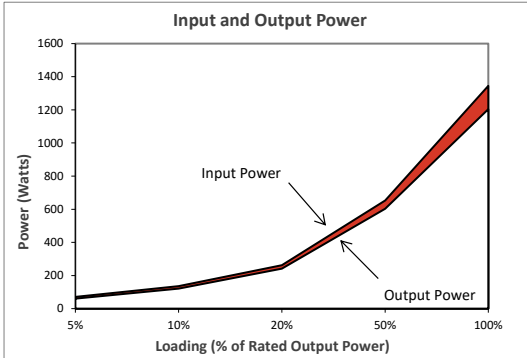
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-7	Amps
Input Frequency	60/50	Hz
Rated Output Power	1200	Watts

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



Input AC Current Waveform (ITHD = 5.72%, 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.)						
0.130	0.0455	5.99	0%	2.17	No-Load						
0.718	0.8615	14.84	5%	71.12	12.1/4.36	11.95/0.022	3.32/0.79	5.03/0.79	5.11/0.174	60.50	85.08%
1.278	0.9204	12.45	10%	135.34	12.09/8.72	11.95/0.044	3.32/1.58	5.03/1.58	5.11/0.349	120.96	89.37%
2.333	0.9780	9.69	20%	262.39	12.08/17.44	11.95/0.087	3.32/3.15	5.04/3.15	5.09/0.698	241.70	92.11%
5.703	0.9952	5.72	50%	652.59	12.06/43.61	11.96/0.218	3.32/7.88	5.03/7.88	5.05/1.744	603.38	92.46%
11.749	0.9957	3.61	100%	1345.05	12.04/87.21	11.97/0.436	3.32/15.76	5.03/15.76	4.99/3.487	1204.28	89.53%



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/>