

80 PLUS Verification and Testing Report

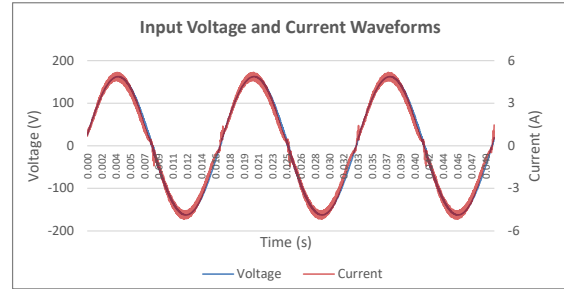
TYPICAL EFFICIENCY (50% Load):	91.04%
AVERAGE EFFICIENCY :	86.37%
80 PLUS COMPLIANT:	Gold



ID Number	7136
Manufacturer	GAMEMAX
Model Number	GX700
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	8/30/23

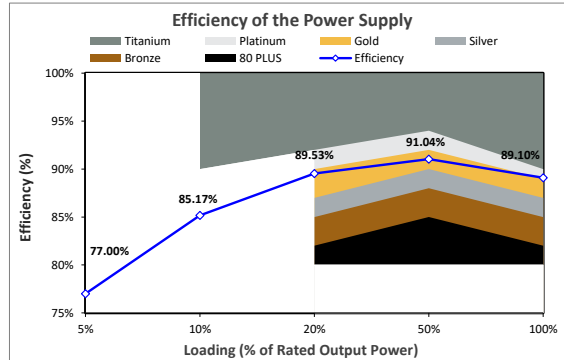
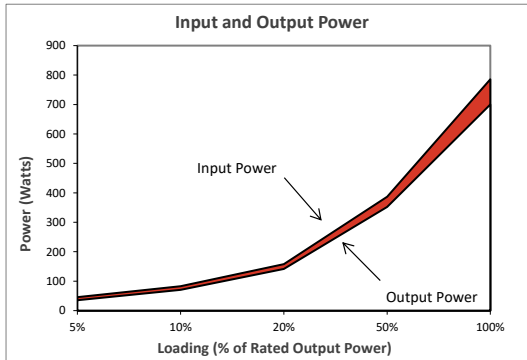
Rated Specifications	Value	Units
Input Voltage	100~240	Volts
Input Current	10~5	Amps
Input Frequency	50~60	Hz
Rated Output Power	700	Watts

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



Input AC Current Waveform (ITHD = 4.1%, 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.)						
0.151	0.5037	12.79	0%	8.74	No-Load						
0.435	0.9171	18.57	5%	45.91	12.11/2.5	11.96/0.013	3.35/0.52	5.04/0.52	5.1/0.108	35.35	77.00%
0.753	0.9582	16.90	10%	83.02	12.11/5	11.96/0.026	3.35/1.04	5.04/1.04	5.1/0.215	70.71	85.17%
1.395	0.9836	9.68	20%	157.78	12.1/10	11.96/0.052	3.35/2.08	5.04/2.08	5.08/0.431	141.26	89.53%
3.373	0.9968	4.10	50%	386.62	12.06/25	11.92/0.129	3.34/5.19	5.03/5.19	5.05/1.077	351.97	91.04%
6.844	0.9986	3.59	100%	785.65	11.99/50	11.77/0.259	3.33/10.39	5.02/10.39	4.99/2.154	700.01	89.10%



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/>