80 PLUS Verification and Testing Report

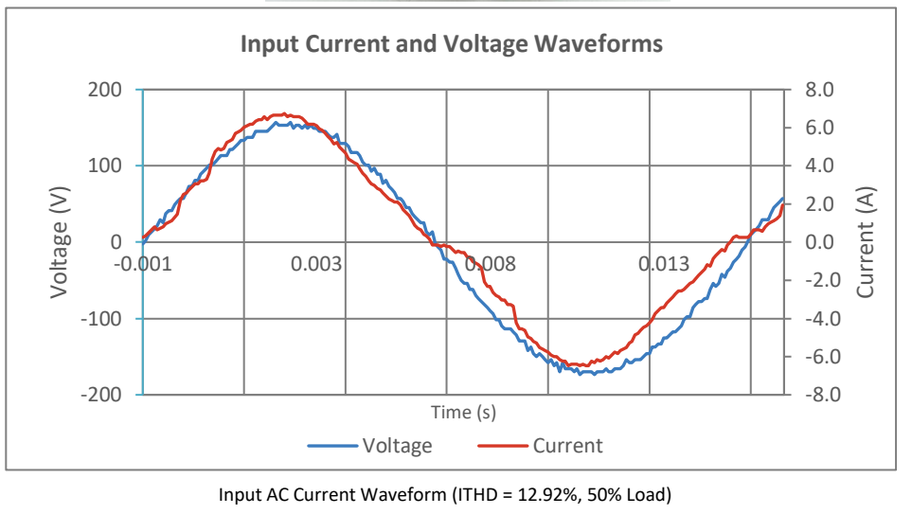
TYPICAL EFFICIENCY (50% Load):	**92.02%**
AVERAGE EFFICIENCY :	**89.74%**
80 PLUS COMPLIANT:	**Platinum**



ID Number	6809
Manufacturer	Gigabyte
Model Number	GP-UD850GM PG5
Serial Number	N/A
Year	2022
Type	ATX12V
Test Date	5/18/22

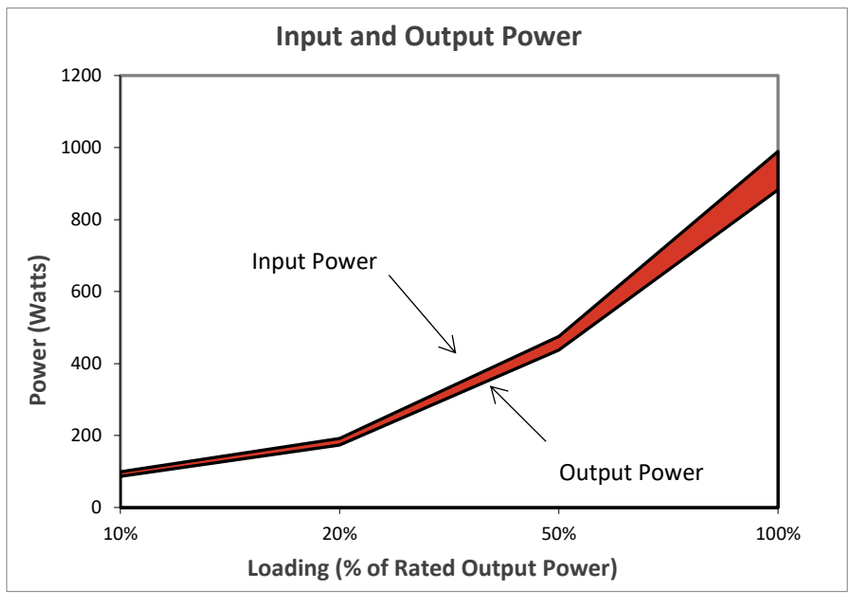
Rated Specifications	Value	Units
Input Voltage	100-240	**Volts**
Input Current	12-6	**Amps**
Input Frequency	60-50	**Hz**
Rated Output Power	850	**Watts**

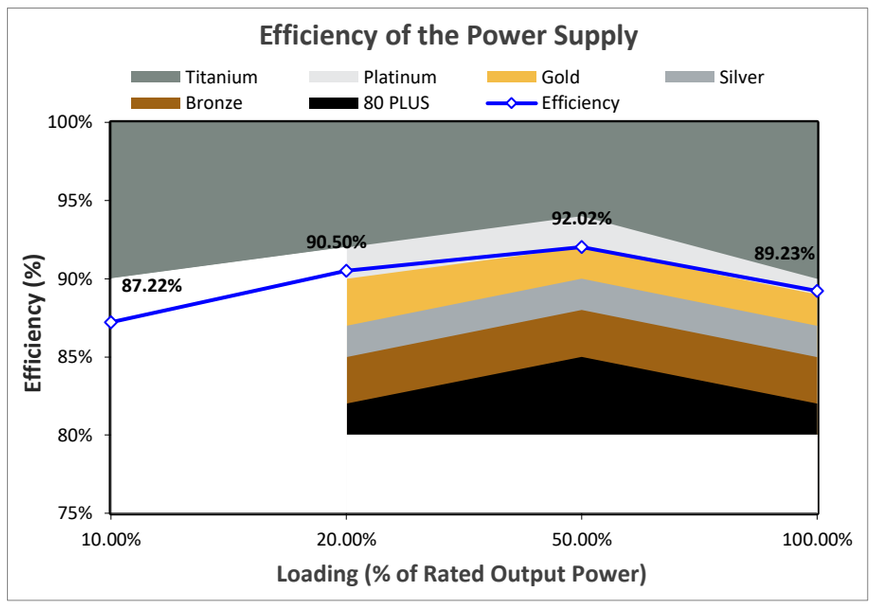
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 12.92%, 50% Load)

I_{RMS}	PF	I_{THD}	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vsb		
0.888	0.9686	18.42%	10%	**98.89**	12.15/6.2	11.92/0.03	3.36/1.1	5.09/1.1	5.09/0.26	**86.25**	**87.22%**
1.694	0.9820	14.81%	20%	**191.38**	12.17/12.41	11.91/0.05	3.4/2.21	5.13/2.21	5.12/0.52	**173.19**	**90.50%**
4.181	0.9895	12.92%	50%	**475.60**	12.29/31.03	11.94/0.13	3.48/5.52	5.23/5.47	5.21/1.31	**437.66**	**92.02%**
8.662	0.9929	10.38%	100%	**989.20**	12.45/61.79	11.97/0.26	3.42/11.06	5.34/10.94	5.35/2.62	**882.67**	**89.23%**





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/*