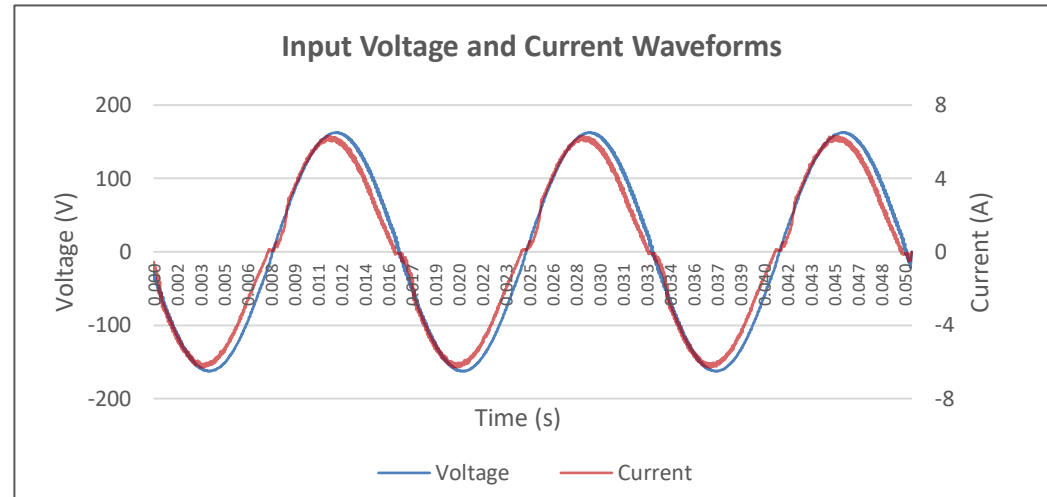


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	89.04%
AVERAGE EFFICIENCY :	85.47%
80 PLUS COMPLIANT:	Silver



ID Number	7551
Manufacturer	GAMDIAS Technology Co., Ltd.
Model Number	HELIOS M2-850B
Serial Number	N/A
Type	ATX 3.1
Test Date	9/17/24

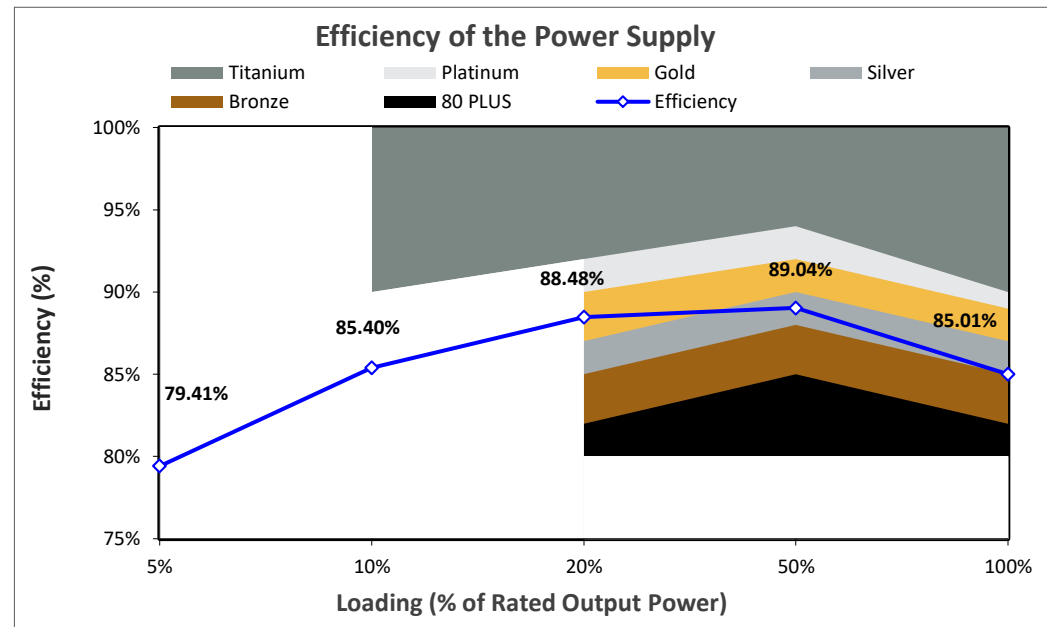
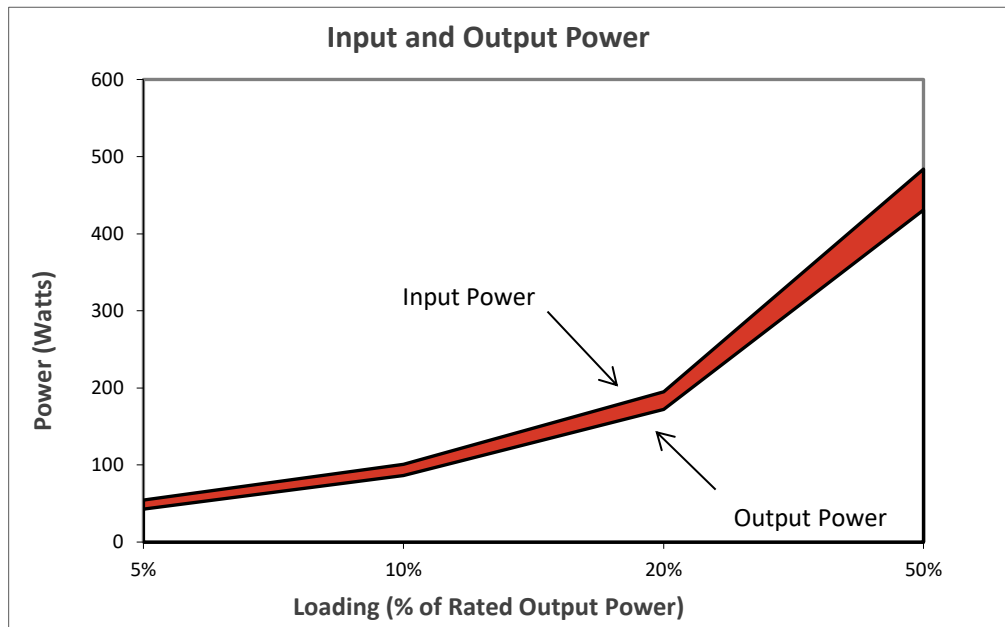


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-10	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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

Input AC Current Waveform (ITHD = 7.92%, 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.)	-12V	3.3V	5V	5VSB		
0.133	0.6671	24.53	0%	10.20	No-Load						
0.492	0.9581	19.66	5%	54.22	12.15/3.05	12.03/0.013	3.33/0.62	5.08/0.62	5.11/0.129	43.06	79.41%
0.890	0.9849	13.56	10%	100.84	12.15/6.09	12.36/0.026	3.33/1.24	5.08/1.24	5.1/0.258	86.12	85.40%
1.708	0.9913	9.92	20%	194.67	12.16/12.18	12.39/0.052	3.33/2.49	5.08/2.49	5.09/0.516	172.24	88.48%
4.238	0.9922	7.92	50%	483.78	12.17/30.45	12.4/0.129	3.32/6.22	5.07/6.22	5.06/1.29	430.75	89.04%
8.825	0.9966	5.56	100%	1011.18	12.14/60.9	12.45/0.258	3.32/12.44	5.06/12.44	5.02/2.58	859.61	85.01%



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/>