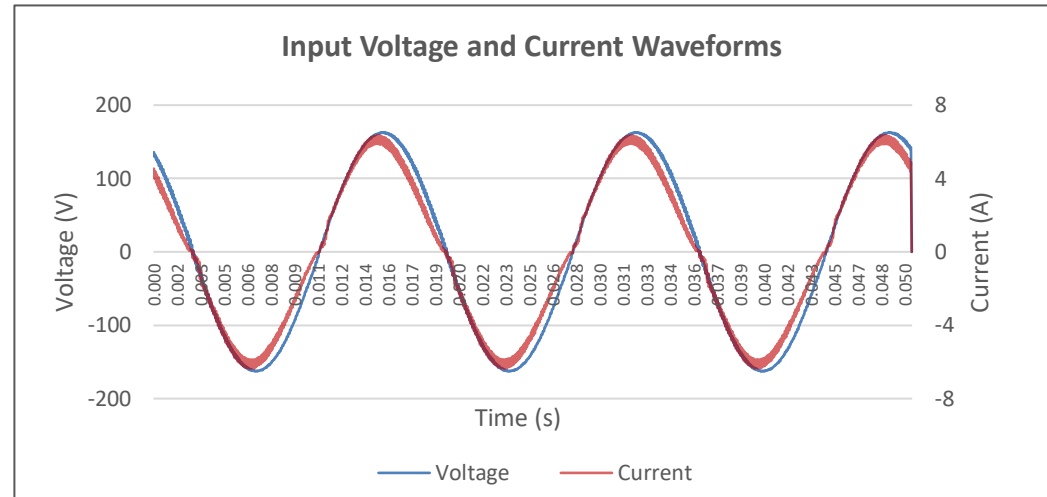


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.49%
AVERAGE EFFICIENCY :	88.38%
80 PLUS COMPLIANT:	Gold



ID Number	7581
Manufacturer	Gamer Storm
Model Number	PQ850G (PQ850G-FD)
Serial Number	N/A
Type	ATX12V
Test Date	9/19/24

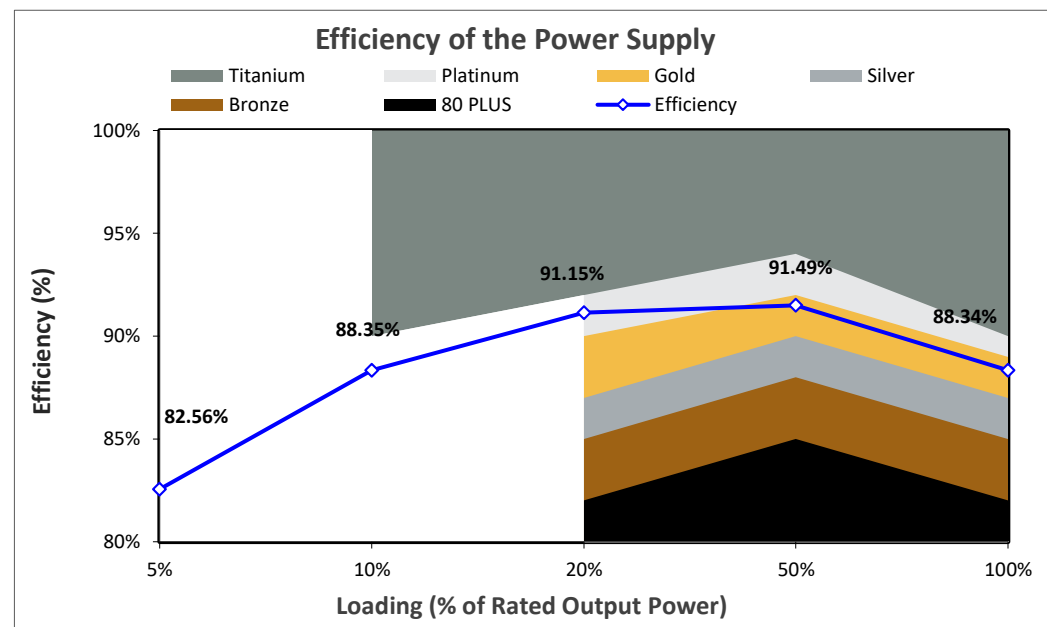
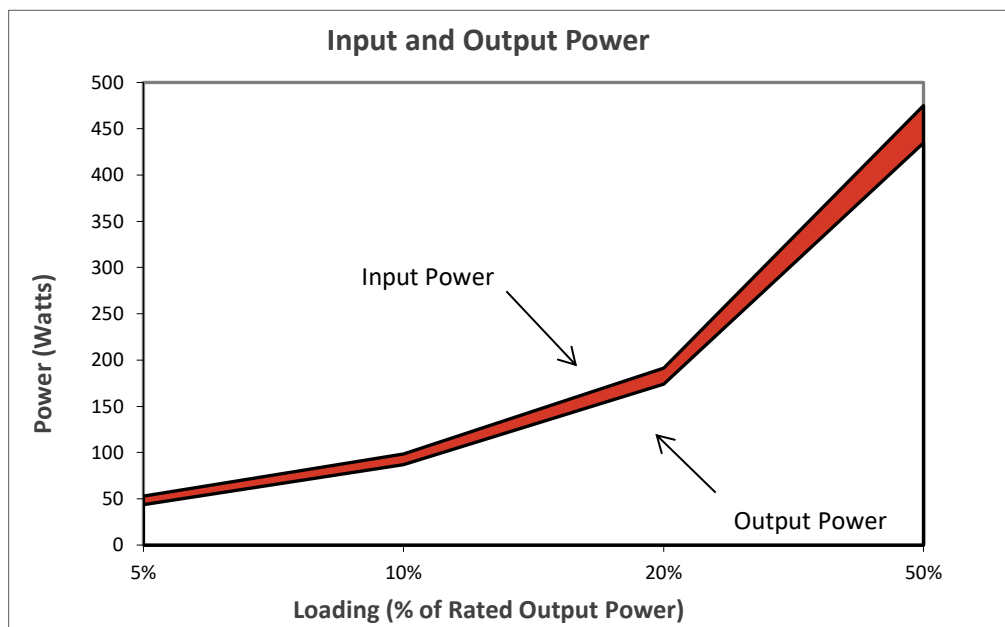


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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

Input AC Current Waveform (ITHD = 5.83%, 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		
0.112	0.5441	19.80	0%	7.03	No-Load						
0.478	0.9590	11.61	5%	52.76	12.3/3.11	12.14/0.013	3.33/0.54	5.12/0.54	5.15/0.111	43.56	82.56%
0.876	0.9791	11.01	10%	98.60	12.3/6.23	11.94/0.027	3.33/1.07	5.12/1.07	5.14/0.222	87.11	88.35%
1.694	0.9804	10.80	20%	190.99	12.3/12.45	11.82/0.053	3.33/2.14	5.12/2.14	5.13/0.445	174.09	91.15%
4.157	0.9939	5.83	50%	475.01	12.28/31.12	11.73/0.133	3.32/5.36	5.12/5.36	5.09/1.112	434.61	91.49%
8.553	0.9975	3.74	100%	981.52	12.26/62.24	12.07/0.267	3.29/10.71	5.11/10.71	5.02/2.222	867.11	88.34%



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/>