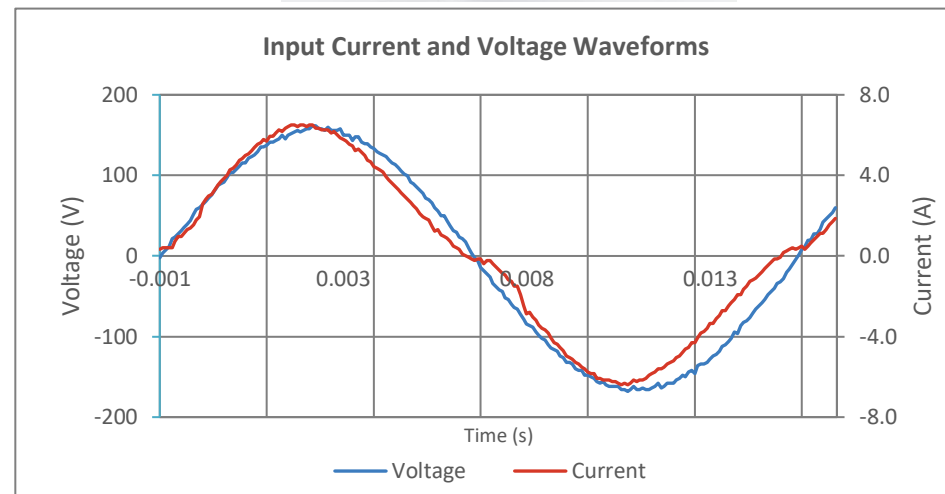


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.41%
AVERAGE EFFICIENCY :	87.98%
80 PLUS COMPLIANT:	Gold



ID Number	6875.3
Manufacturer	PICHAU GAMING
Model Number	PG-8501-BR
Serial Number	N/A
Year	2022
Type	ATX12V
Test Date	9/22/22

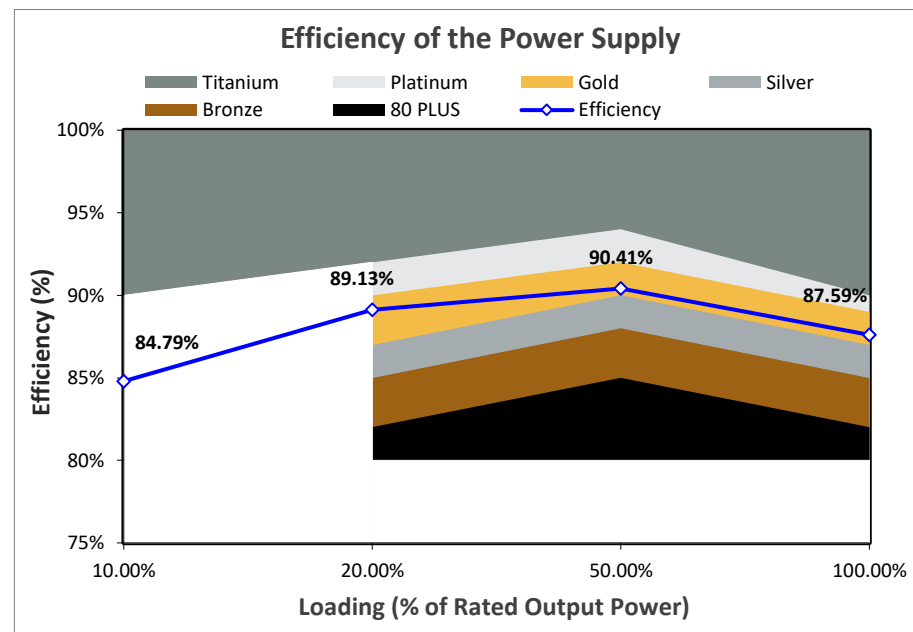
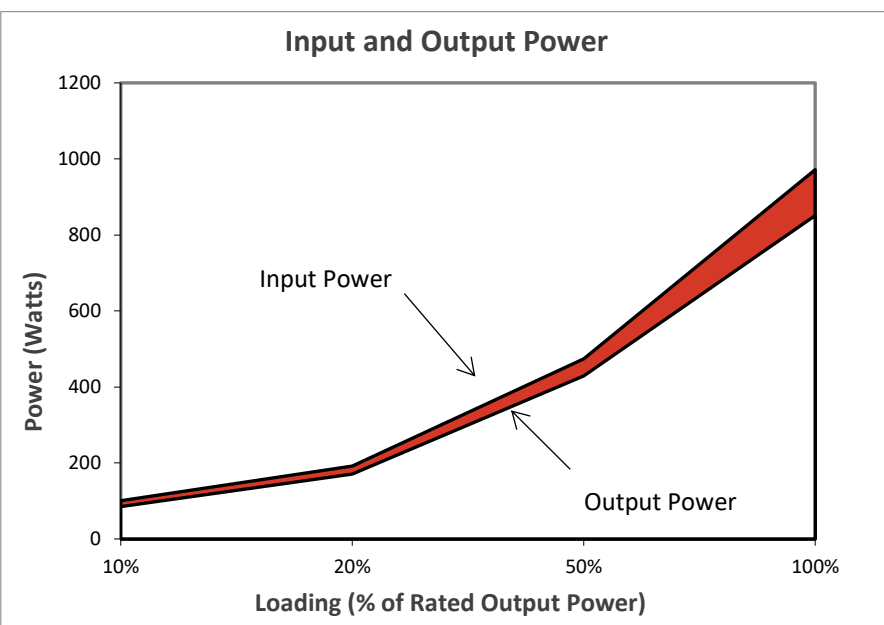


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10/5	Amps
Input Frequency	50/60	Hz
Rated Output Power	850	Watts

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

Input AC Current Waveform (ITHD = 11.29%, 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
0.897	0.9800	12.49%	10%	101.14	12.07/6.12	12.11/0.03	3.29/1.24	5.02/1.24	5.06/0.26	85.76	84.79%
1.690	0.9894	11.30%	20%	192.20	12.06/12.22	12.11/0.05	3.29/2.49	5.02/2.48	5.05/0.52	171.31	89.13%
4.165	0.9899	11.29%	50%	473.90	12.06/30.59	12.1/0.13	3.29/6.22	5.01/6.16	5.11/1.29	428.45	90.41%
8.495	0.9941	8.75%	100%	971.50	12.01/60.98	12.12/0.26	3.29/12.46	5.01/12.31	4.96/2.58	850.92	87.59%



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/>