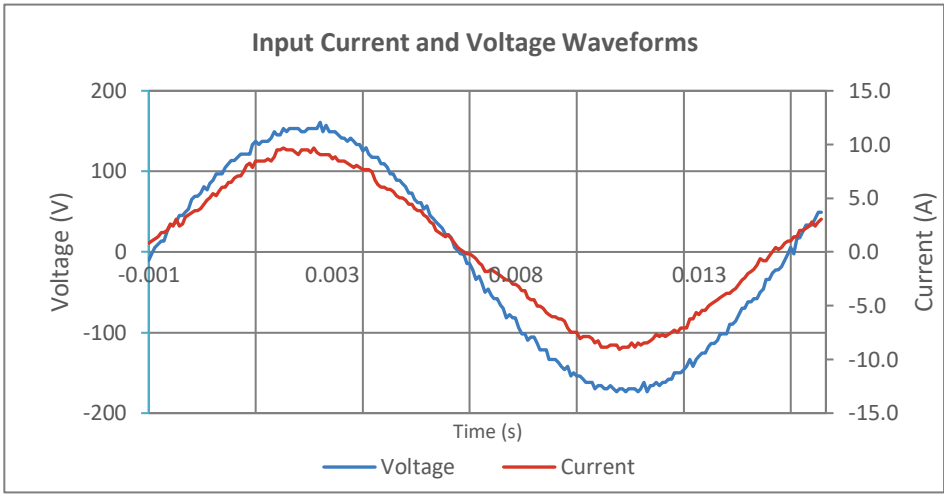


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.31%
AVERAGE EFFICIENCY :	89.99%
80 PLUS COMPLIANT:	Platinum



ID Number	6816
Manufacturer	Micro-Star International Co., Ltd.
Model Number	MEG Ai1300P PCIE5
Serial Number	N/A
Year	2022
Type	ATX12V
Test Date	6/7/22

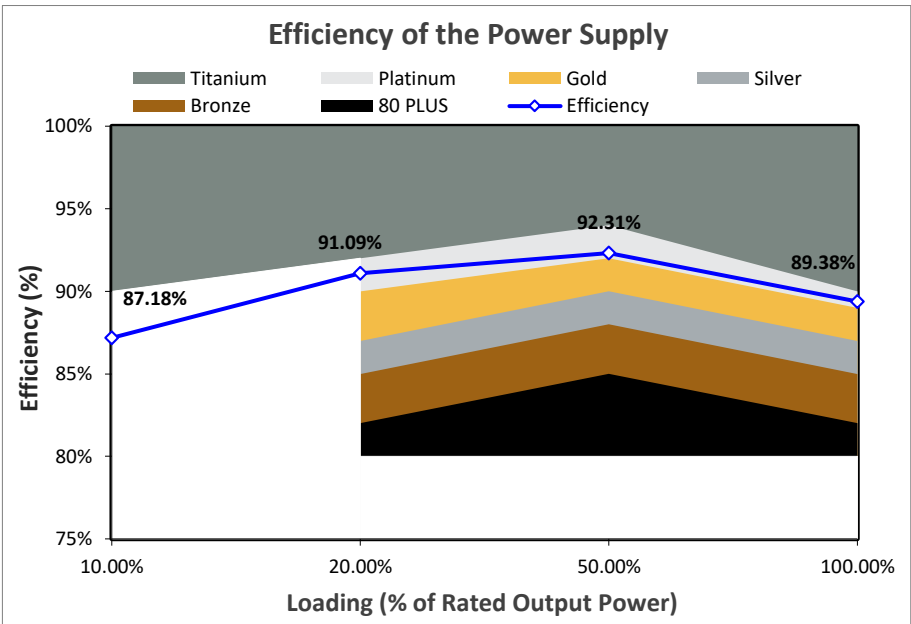
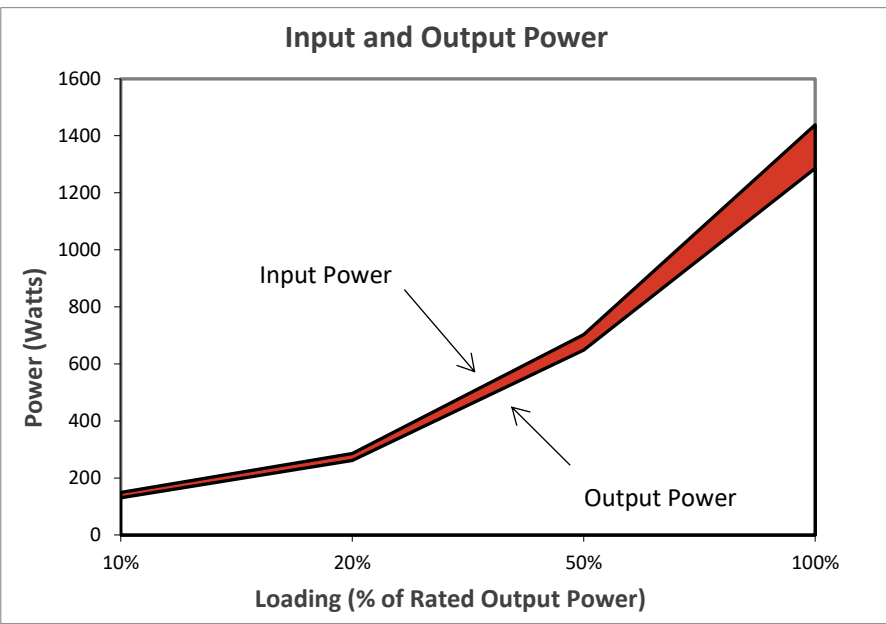


Input AC Current Waveform (ITHD = 6.48%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	50-60	Hz
Rated Output Power	1300	Watts

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

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		
1.326	0.9822	10.58%	10%	149.75	12.02/9.74	12.22/0.03	3.3/1.41	5.01/1.41	5.01/0.27	130.55	87.18%
2.508	0.9929	8.10%	20%	286.20	11.99/19.51	12.23/0.05	3.3/2.81	5.01/2.8	5.01/0.54	260.70	91.09%
6.126	0.9973	6.48%	50%	702.70	11.94/48.75	12.29/0.13	3.31/7.03	5.02/6.97	5.01/1.35	648.68	92.31%
12.530	0.9983	4.48%	100%	1438.90	11.87/97.2	12.25/0.27	3.3/14.08	5.01/13.9	4.99/2.69	1286.06	89.38%



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/>