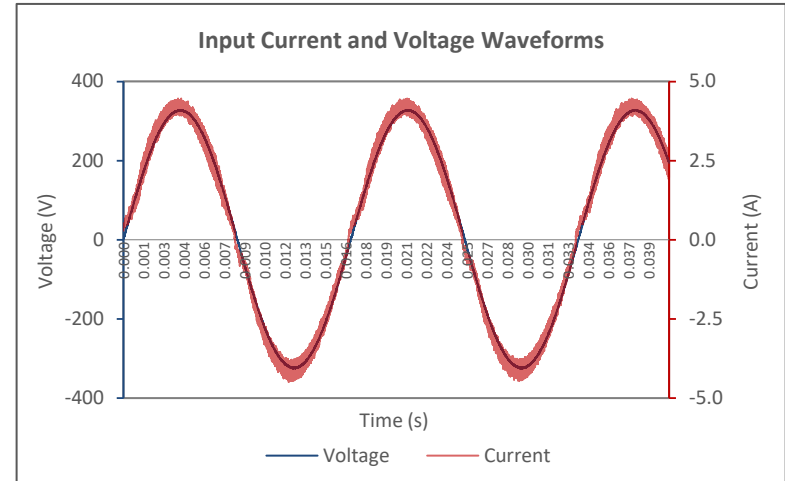


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	96.55%
AVERAGE EFFICIENCY :	95.25%
80 PLUS COMPLIANT:	Titanium



ID Number	SO-2483
Manufacturer	APLUSPOWER
Model Number	AP-CA1300F12FP
Serial Number	AA55A2426032
Type	1U
Test Date	07/19/24



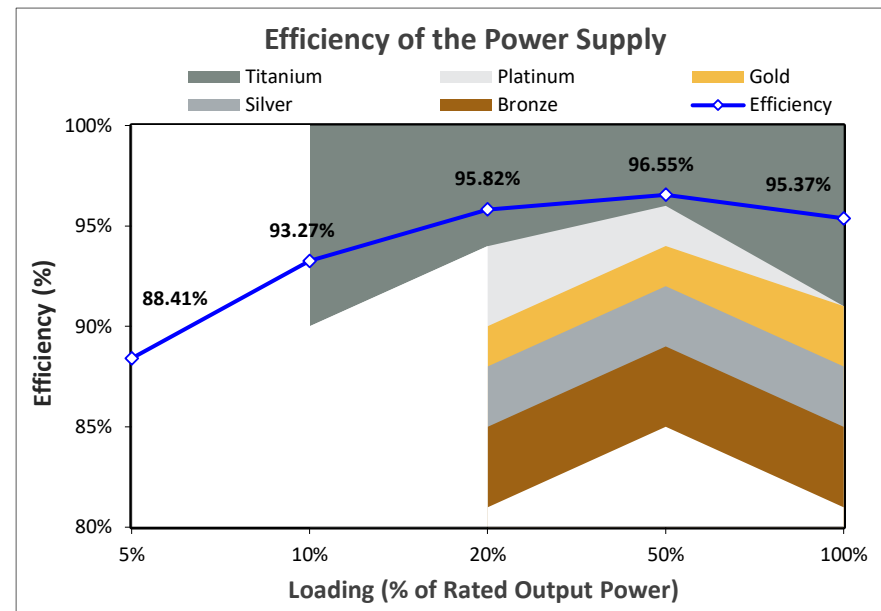
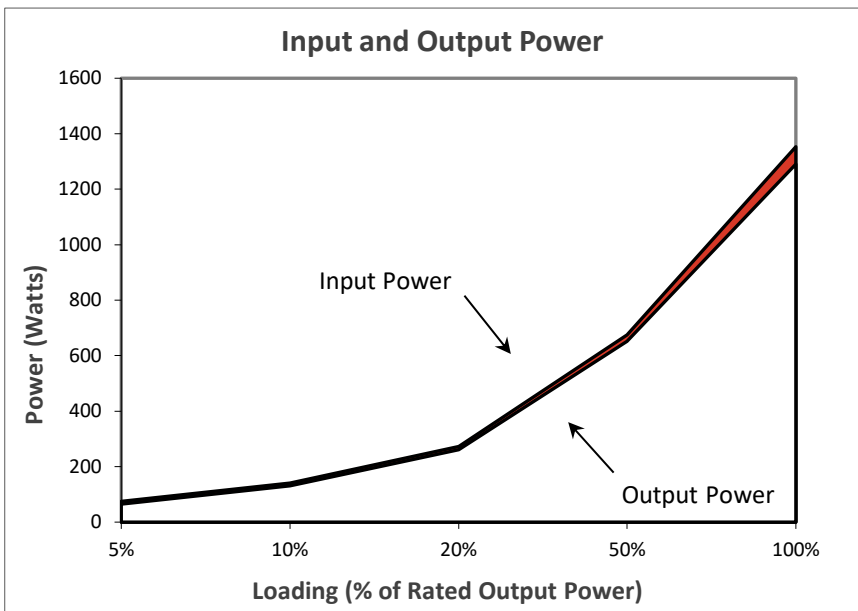
Input AC Current Waveform (ITHD = 2.83%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-120/200-240	Volts
Input Current	9/9	Amps
Input Frequency	50/60	Hz
Rated Output Power	1,300	Watts

Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.

I <sub>RMS</sub>	PF	I <sub>THD</sub> (%)	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency
							12.2V			
0.251	0.1379	9.039	0%	No-Load	7.96	8.66	No-Load			
0.383	<b>0.8406</b>	10.429	5%	Minimum	74.04	8.67	12.3/5.32		65.46	88.41%
0.636	<b>0.9601</b>	11.729	10%	Low	140.34	8.65	12.29/10.65		130.89	93.27%
1.204	<b>0.9854</b>	7.542	20%	Light	272.94	8.66	12.27/21.31		261.53	95.82%
2.940	<b>0.9971</b>	2.830	50%	Typical	674.24	8.68	12.22/53.28		650.96	96.55%
5.887	<b>0.9994</b>	1.882	100%	Full	1353.13	8.69	12.12/106.52		1290.45	95.37%

\* Fan power is not included in the efficiency calculations, external fan voltage applied = 12.01Vdc



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/>