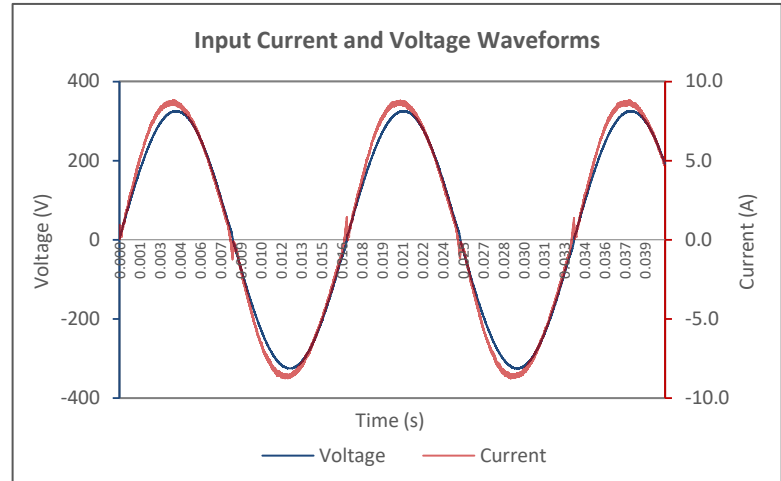


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	96.30%
AVERAGE EFFICIENCY :	94.86%
80 PLUS COMPLIANT:	Titanium



ID Number	SO-2407
Manufacturer	APLUSPOWER
Model Number	AP-CA2700F12S1
Serial Number	AA30A2409005
Type	1U
Test Date	03/21/24



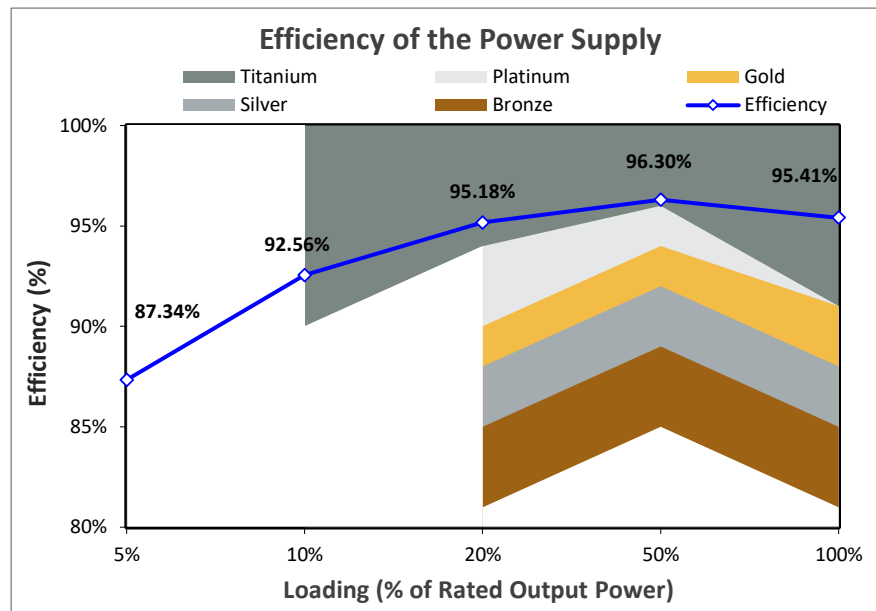
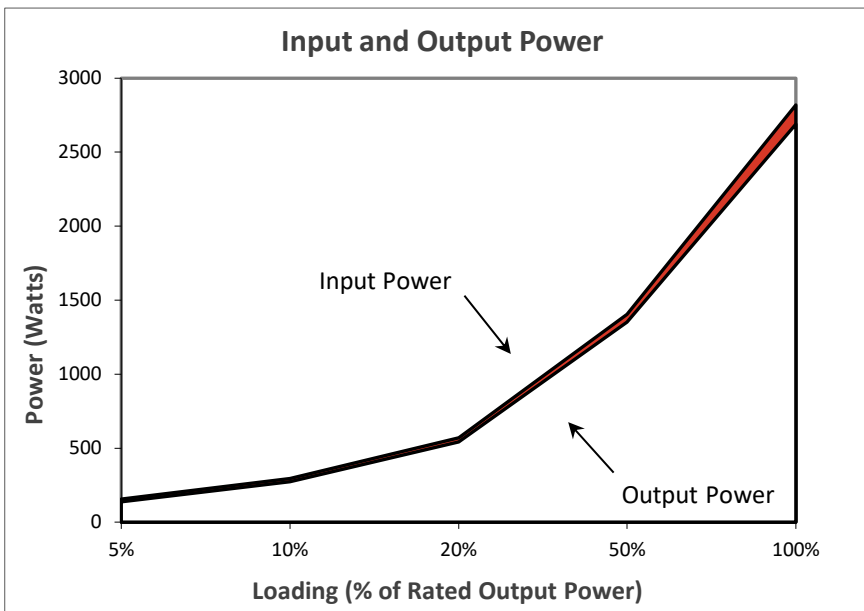
Input AC Current Waveform (ITHD = 3.28%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-120/200-240	Volts
Input Current	16/16	Amps
Input Frequency	50/60	Hz
Rated Output Power	2,700	Watts

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

I _{RMS}	PF	I _{THD} (%)	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency
							12.2V	12Vsb		
0.303	0.2849	16.907	0%	No-Load	19.87	39.13	No-Load			
0.739	0.9159	9.596	5%	Minimum	155.64	39.12	12.29/10.92	12.07/0.15	135.93	87.34%
1.317	0.9696	6.928	10%	Low	293.72	39.44	12.28/21.85	12.07/0.3	271.86	92.56%
2.499	0.9912	7.918	20%	Light	569.68	39.45	12.26/43.66	12.05/0.59	542.22	95.18%
6.115	0.9979	3.281	50%	Typical	1403.19	39.27	12.21/109.21	12.02/1.48	1351.30	96.30%
12.272	0.9989	3.351	100%	Full	2819.30	38.76	12.15/218.44	11.96/2.95	2689.87	95.41%

* 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/>