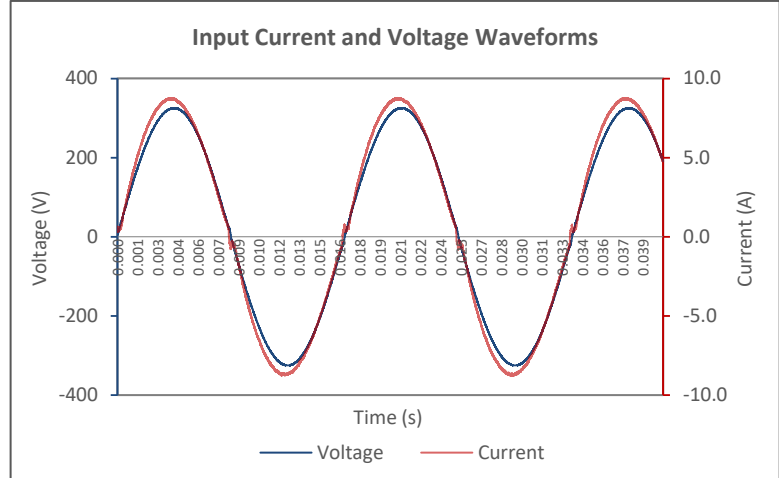


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	95.63%
AVERAGE EFFICIENCY :	94.04%
80 PLUS COMPLIANT:	Platinum



ID Number	SO-2406
Manufacturer	APLUSPOWER
Model Number	AP-CA2700F12SA
Serial Number	AA30N2351031
Type	1U
Test Date	03/20/24



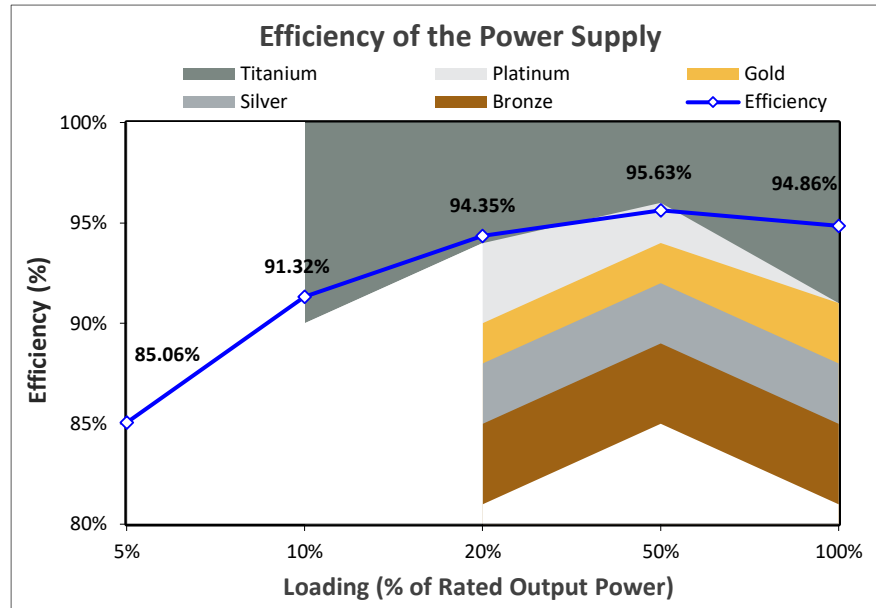
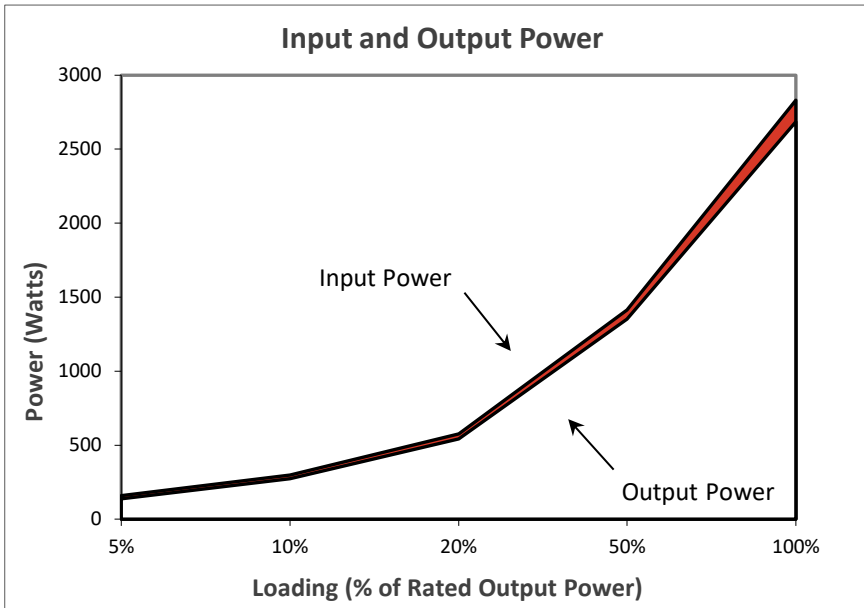
Input AC Current Waveform (ITHD = 3.02%, 50% Load)

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 <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	12Vsb		
0.299	0.3539	14.376	0%	No-Load	24.41	36.18	No-Load			
0.755	<b>0.9199</b>	15.073	5%	Minimum	159.72	36.35	12.29/10.91	12.1/0.15	135.85	85.06%
1.329	<b>0.9736</b>	8.499	10%	Low	297.73	35.94	12.28/21.85	12.09/0.3	271.88	91.32%
2.520	<b>0.9928</b>	5.037	20%	Light	575.57	35.61	12.26/43.7	12.08/0.59	543.03	94.35%
6.153	<b>0.9985</b>	3.020	50%	Typical	1412.95	35.28	12.21/109.18	12.04/1.48	1351.18	95.63%
12.319	<b>0.9993</b>	2.791	100%	Full	2831.35	34.81	12.13/218.44	11.98/2.95	2685.69	94.86%

\* Fan power is not included in the efficiency calculations, external fan voltage applied = 12.05Vdc



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/>