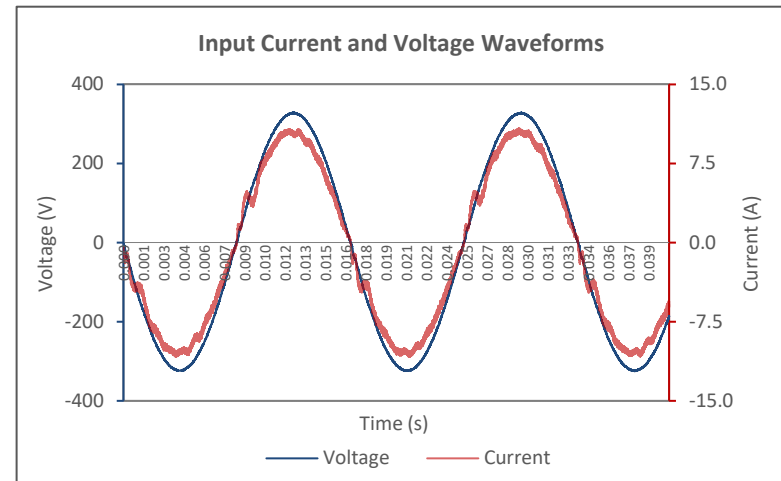


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	96.19%
AVERAGE EFFICIENCY :	94.53%
80 PLUS COMPLIANT:	Titanium



ID Number	SO-2507
Manufacturer	Dongguan Aohai Technology Co.,Ltd.
Model Number	AH-CRPS3200A1X
Serial Number	CYAD2432000030
Type	1U
Test Date	08/19/24



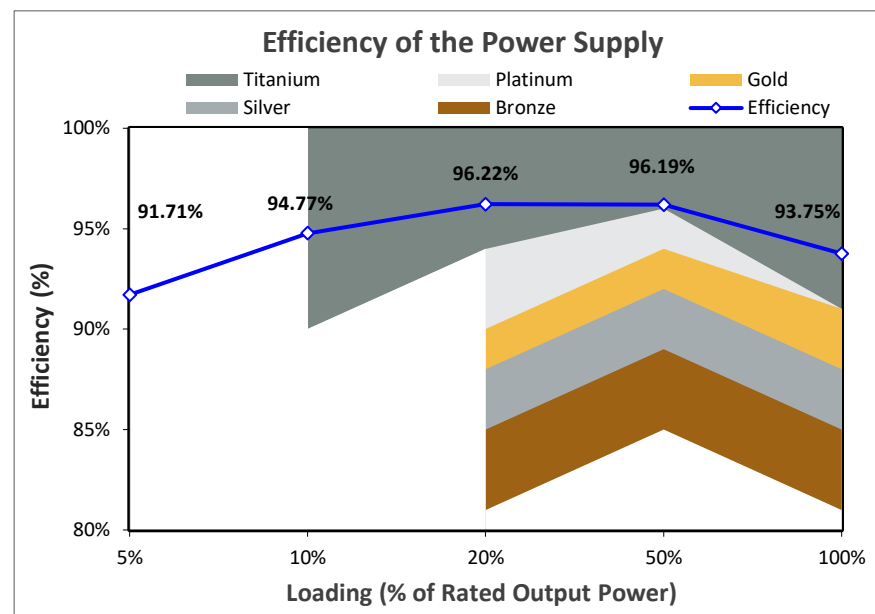
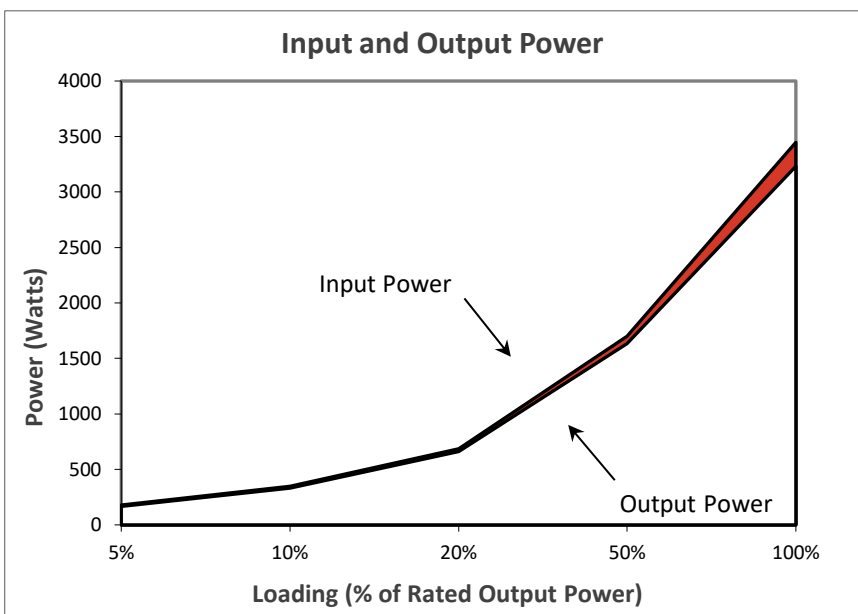
Input AC Current Waveform (ITHD = 4.91%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-127/200-220/220-240	Volts
Input Current	15/16/16	Amps
Input Frequency	50/60	Hz
Rated Output Power	3,200	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	12Vs _b		
0.448	0.0291	5.498	0%	No-Load	3.00	1.29	No-Load			
0.884	0.8871	11.660	5%	Minimum	180.35	1.29	12.61/13.02	12.37/0.1	165.40	91.71%
1.567	0.9665	14.581	10%	Low	348.42	1.29	12.59/26.02	12.31/0.21	330.20	94.77%
3.010	0.9897	5.991	20%	Light	685.08	1.77	12.57/52.05	12.2/0.42	659.21	96.22%
7.409	0.9977	4.907	50%	Typical	1699.88	11.81	12.47/130.14	11.98/1.04	1635.19	96.19%
14.998	0.9993	2.078	100%	Full	3446.80	34.03	12.32/260.28	11.99/2.08	3231.45	93.75%

* Fan power is not included in the efficiency calculations, external fan voltage applied = 12.02Vdc



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/>