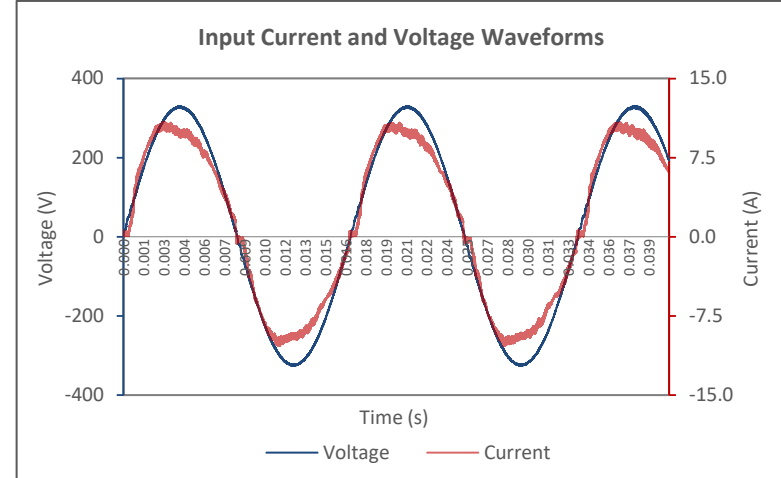


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	96.17%
AVERAGE EFFICIENCY :	94.85%
80 PLUS COMPLIANT:	Titanium



ID Number	SO-2500
Manufacturer	Segotep
Model Number	SG-CRPS3200T
Serial Number	SG-CRPS3200TR012430000017
Type	CRPS
Test Date	08/08/24



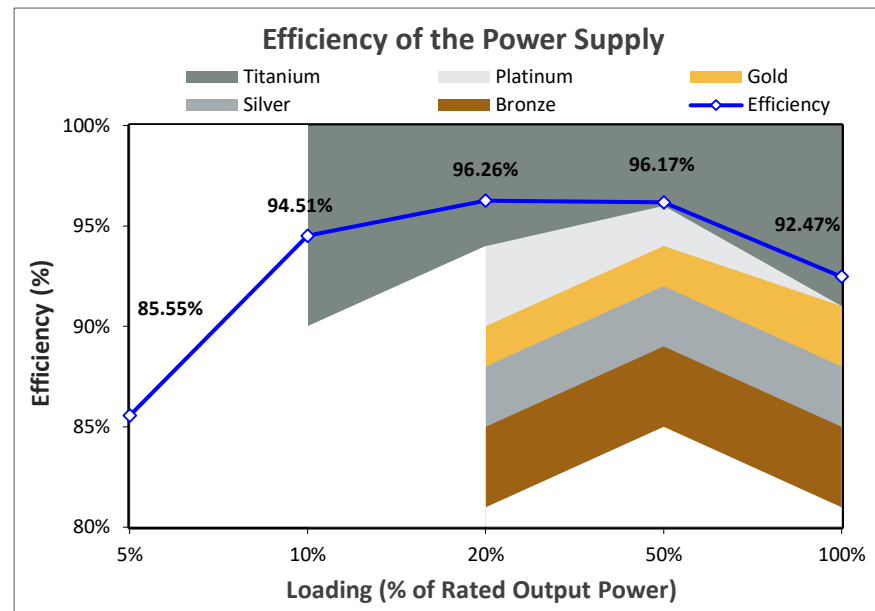
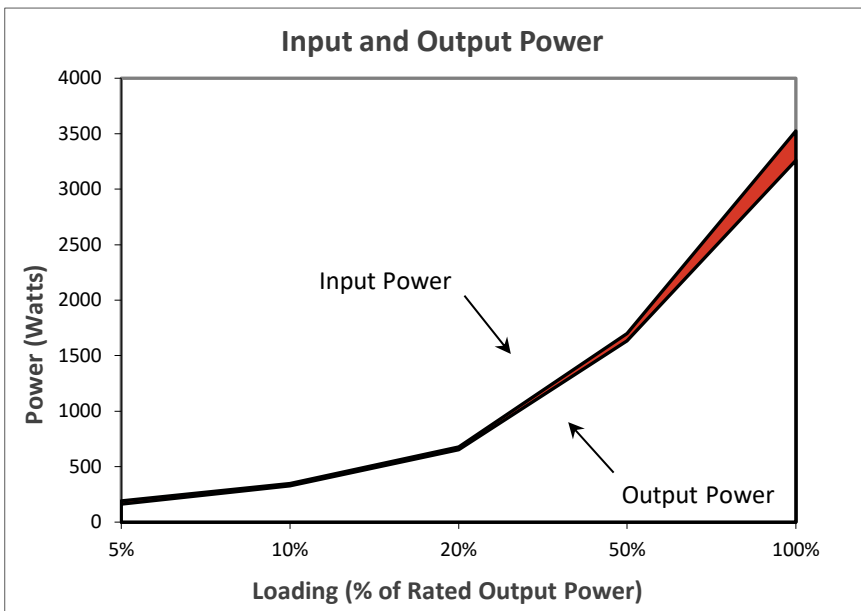
Input AC Current Waveform (ITHD = 10.59%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-127/200-240	Volts
Input Current	20/16	Amps
Input Frequency	60/50	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
							12V	12Vsb		
0.131	0.0957	17.849	0%	No-Load	2.88	37.67	No-Load			
0.889	0.9329	29.026	5%	Minimum	190.78	37.31	12.29/13.13	12.26/0.15	163.21	85.55%
1.540	0.9768	17.575	10%	Low	346.03	39.47	12.29/26.31	12.25/0.3	327.03	94.51%
2.982	0.9900	12.273	20%	Light	679.01	39.29	12.29/52.6	12.22/0.6	653.59	96.26%
7.436	0.9927	10.587	50%	Typical	1698.16	38.54	12.28/131.51	12.14/1.5	1633.16	96.17%
15.424	0.9938	9.885	100%	Full	3525.10	36.75	12.27/262.99	11.36/3	3259.82	92.47%

* Fan power is not included in the efficiency calculations, external fan voltage applied = 11.99Vdc



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/>