

80 PLUS Verification and Testing Report

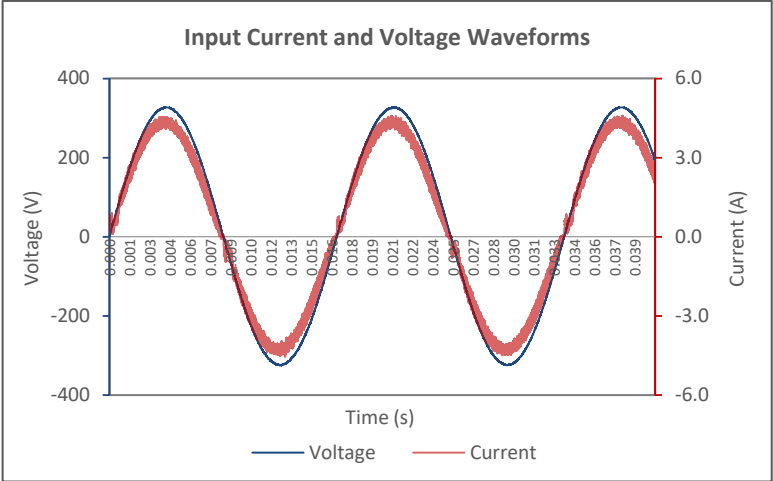
TYPICAL EFFICIENCY (50% Load):	94.66%
AVERAGE EFFICIENCY :	92.73%
80 PLUS COMPLIANT:	Platinum



ID Number	SO-2447
Manufacturer	Beijing Zpower Technology Co.,Ltd
Model Number	CRPS1300AZ
Serial Number	A012410000070P00ASF5M032
Type	1U
Test Date	05/31/24

Rated Specifications	Value	Units
Input Voltage	100-127/200-240	Volts
Input Current	12/8	Amps
Input Frequency	50-60	Hz
Rated Output Power	1,300	Watts

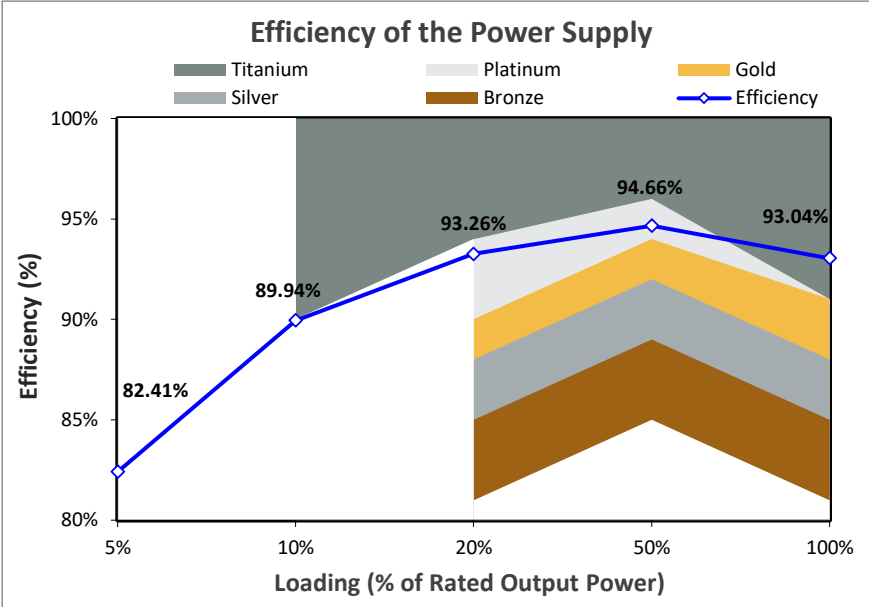
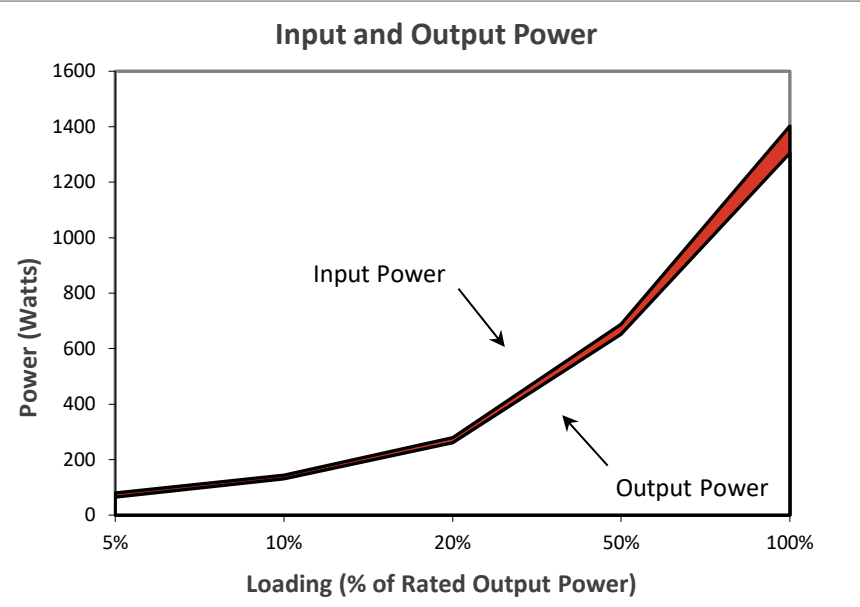
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 3.22%, 50% Load)

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		
0.116	0.1281	20.235	0%	No-Load	3.42	0.97	No-Load			
0.388	0.8869	18.657	5%	Minimum	79.19	0.98	12.04/5.27	12.02/0.15	65.25	82.41%
0.656	0.9588	11.664	10%	Low	144.69	0.95	12.04/10.52	12.01/0.3	130.14	89.94%
1.237	0.9829	7.375	20%	Light	279.67	0.94	12.04/21.07	11.99/0.59	260.81	93.26%
3.003	0.9967	3.220	50%	Typical	688.64	1.59	12.04/52.66	11.93/1.48	651.88	94.66%
6.104	0.9988	2.421	100%	Full	1402.54	7.86	12.05/105.35	11.91/2.97	1304.93	93.04%

* 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/>