

80 PLUS Verification and Testing Report

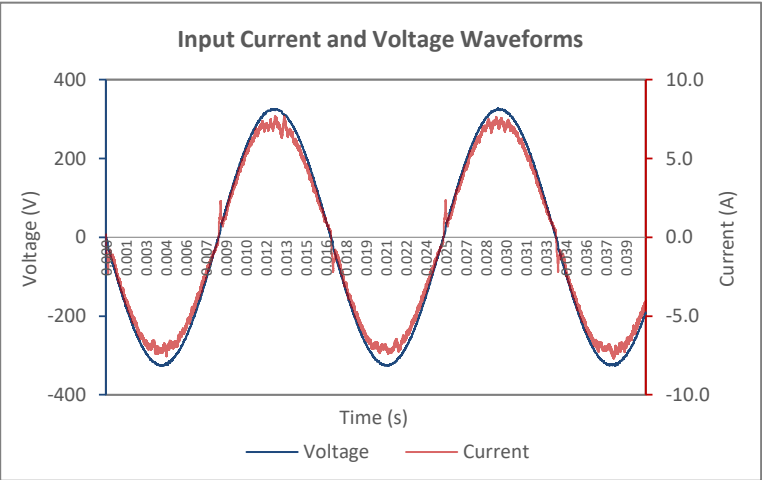
TYPICAL EFFICIENCY (50% Load):	94.60%
AVERAGE EFFICIENCY :	92.67%
80 PLUS COMPLIANT:	Platinum



ID Number	SO-2347
Manufacturer	MEGMEET
Model Number	MEG-CRPS2200AOP
Serial Number	Z3202802338000013
Year	2023
Type	1U
Test Date	11/14/23

Rated Specifications	Value	Units
Input Voltage	100-120/200-240	Volts
Input Current	14/12	Amps
Input Frequency	50/60	Hz
Rated Output Power	2,200	Watts

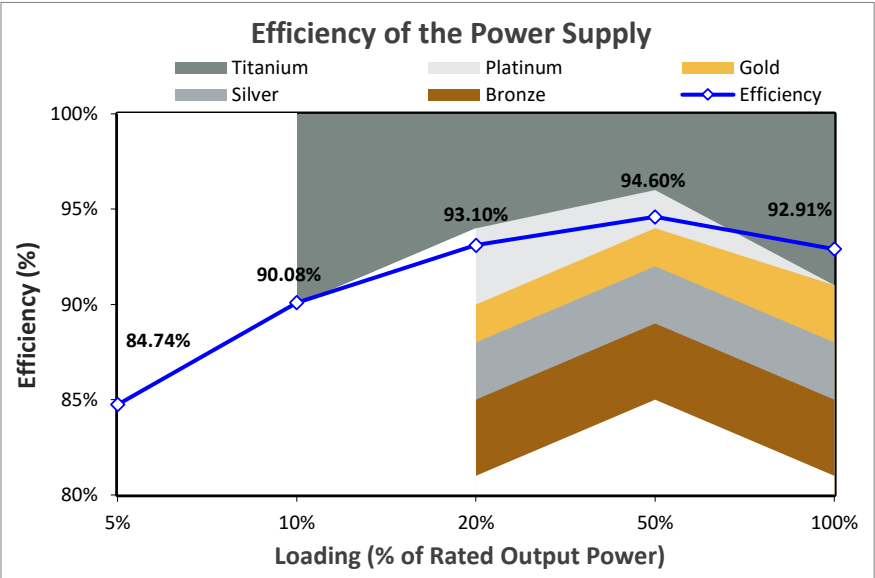
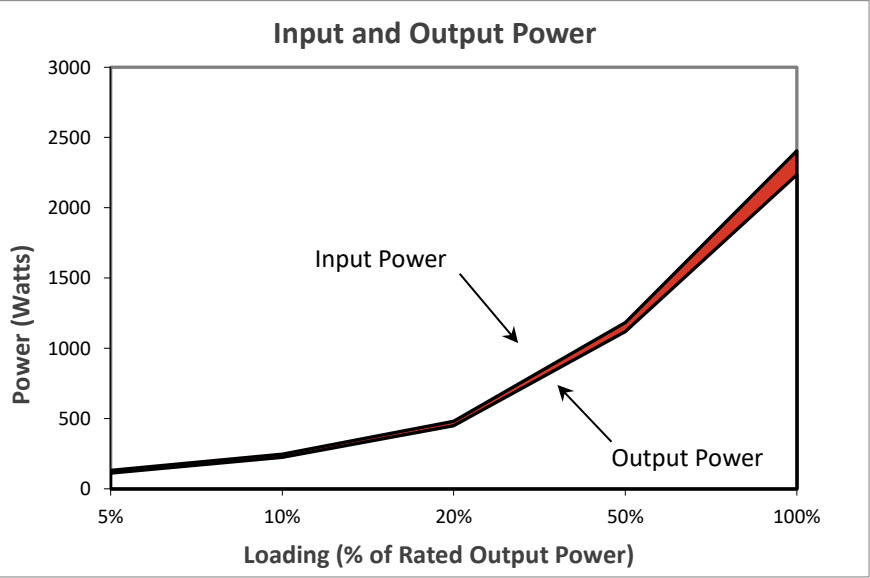
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 3.82%, 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		
0.119	0.1159	18.887	0%	No-Load	3.18	26.91	No-Load			
0.617	0.9296	16.490	5%	Minimum	131.83	26.78	12.2/9.01	12.1/0.15	111.70	84.74%
1.114	0.9684	13.901	10%	Low	248.09	26.76	12.2/18.02	12.1/0.3	223.49	90.08%
2.122	0.9851	10.408	20%	Light	480.79	26.71	12.21/36.06	12.08/0.59	447.63	93.10%
5.155	0.9987	3.823	50%	Typical	1183.87	26.43	12.22/90.16	12.06/1.48	1119.92	94.60%
10.464	0.9996	2.023	100%	Full	2405.48	25.67	12.17/180.69	11.99/2.96	2234.95	92.91%

* Fan power is not included in the efficiency calculations, external fan voltage applied = 12Vdc



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/>