

80 PLUS Verification and Testing Report

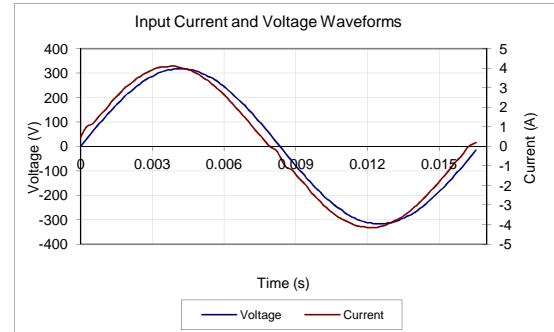
TYPICAL EFFICIENCY (50% Load):	92.97%
AVERAGE EFFICIENCY :	91.55%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-543
Manufacturer	Eastern Co., Ltd
Model Number	CA05954-2560
Serial Number	N/A
Year	2012
Type	1U
Test Date	05/09/13

Rated Specifications	Value	Units
Input Voltage	100-120 / 200-240	Volts
Input Current	9.5 - 7.8 / 7.6 - 6.3	Amps
Input Frequency	N/A	Hz
Rated Output Power	1,331	Watts

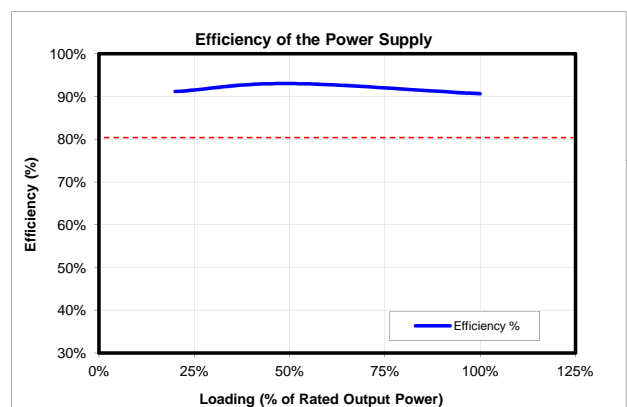
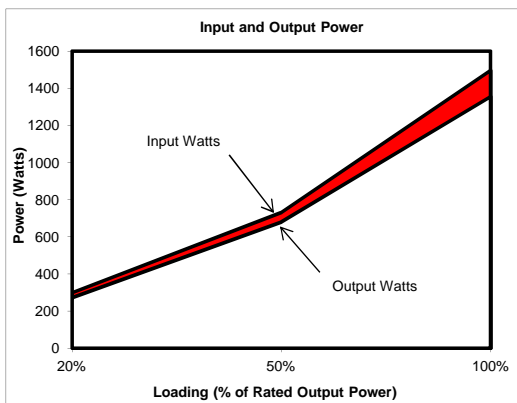
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 3.08%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)	Output Watts	Efficiency %
							12V		
0.77	0.90	14.66	10%	Low	160	1.20	12.37/11.02	136	85.30%
1.35	0.97	4.04	20%	Light	299	1.21	12.37/22.03	272	91.10%
3.21	0.99	3.08	50%	Typical	732	1.32	12.35/55.06	680	92.97%
6.53	1.00	2.22	100%	Full	1497	7.62	12.31/110.17	1356	90.59%

* Fan power is not included in the efficiency calculations



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/>

