

80 PLUS Verification and Testing Report

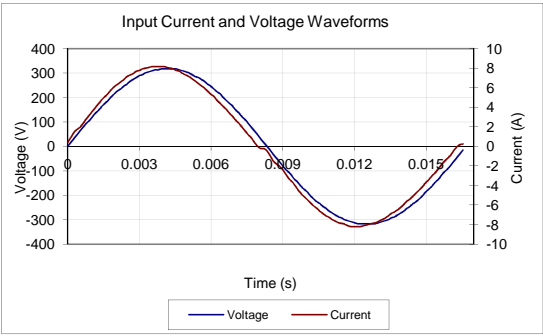
TYPICAL EFFICIENCY (50% Load):	94.17%
AVERAGE EFFICIENCY :	93.37%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-626
Manufacturer	Emerson Network Power
Model Number	DS2500PE-3
Serial Number	K490WWSSSRRL
Year	2013
Type	1U
Test Date	11/07/13

Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	13.8	Amps
Input Frequency	50/60	Hz
Rated Output Power	2,500	Watts

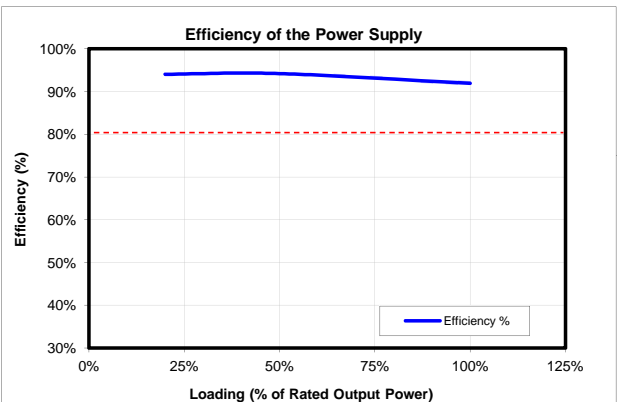
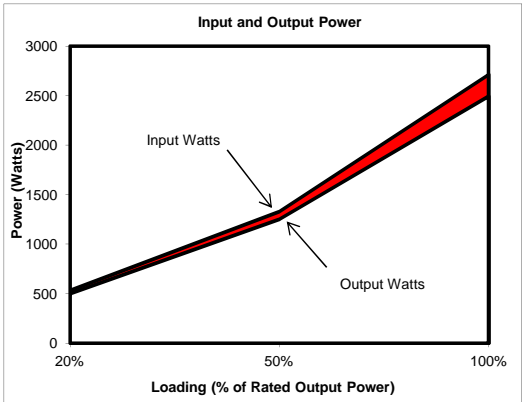
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 3.84%, 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	3.3Vsb		
1.29	0.92	15.61	10%	Low	272	3.60	12.02/20.9	3.39/0.1	252	92.54%
2.38	0.97	7.86	20%	Light	534	3.60	12.02/41.72	3.38/0.2	502	94.02%
5.82	0.99	3.84	50%	Typical	1330	3.63	12/104.25	3.35/0.5	1252	94.17%
11.82	1.00	4.33	100%	Full	2715	14.88	11.96/208.35	3.32/1	2496	91.93%

* 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/>

