

80 PLUS Verification and Testing Report

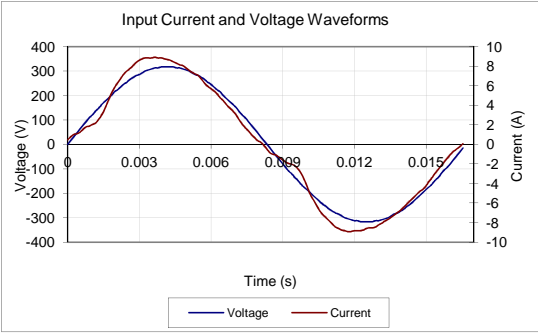
TYPICAL EFFICIENCY (50% Load):	94.11%
AVERAGE EFFICIENCY :	93.11%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-637
Manufacturer	Emerson Network Power
Model Number	DS3000PE-3-XXX
Serial Number	N/A
Year	2013
Type	2U
Test Date	12/05/13

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	16	Amps
Input Frequency	50/60	Hz
Rated Output Power	2,700	Watts

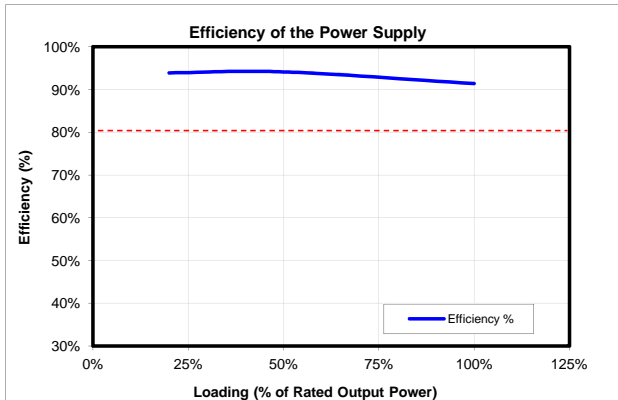
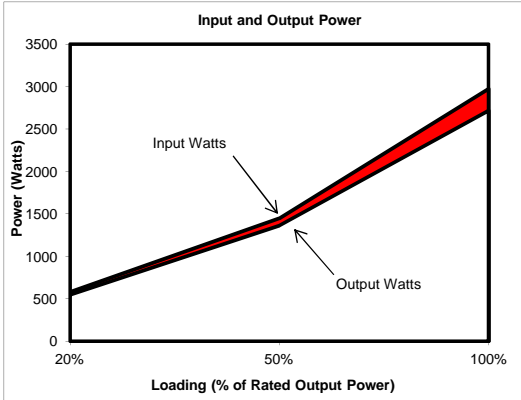
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 11.67%, 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	12Vsb		
1.37	0.95	24.51	10%	Low	299	1.44	12.12/22.08	12.1/0.44	273	91.32%
2.57	0.99	11.35	20%	Light	582	2.76	12.11/44.27	12.08/0.88	547	93.87%
6.35	0.99	11.67	50%	Typical	1448	6.96	12.09/110.5	12.03/2.22	1363	94.11%
13.02	0.99	9.81	100%	Full	2977	15.12	12.07/220.98	11.93/4.44	2719	91.34%

* 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/>

