

80 PLUS Verification and Testing Report

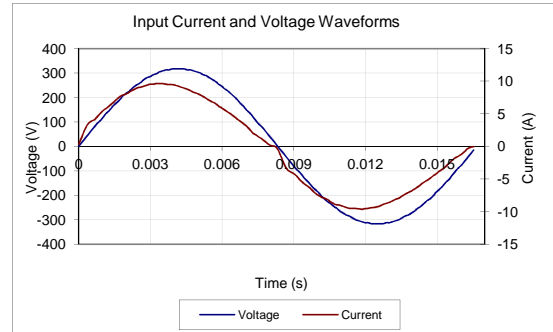
TYPICAL EFFICIENCY (50% Load):	96.11%
AVERAGE EFFICIENCY :	95.17%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-613
Manufacturer	DELL
Model Number	E3000E-S0
Serial Number	N/A
Year	2013
Type	2U
Test Date	09/30/13

Rated Specifications	Value	Units
Input Voltage	200-220 / 220.1-240	Volts
Input Current	16	Amps
Input Frequency	50/60	Hz
Rated Output Power	3,000	Watts

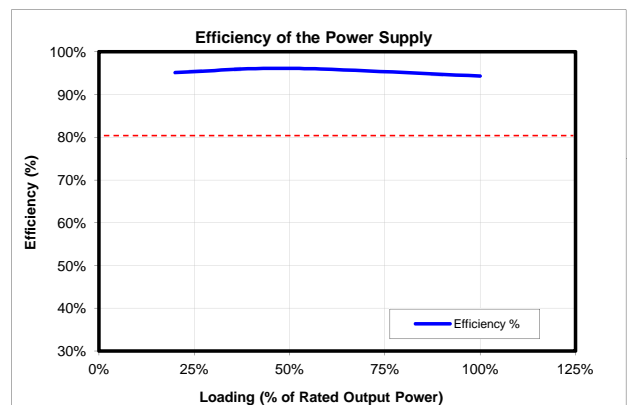
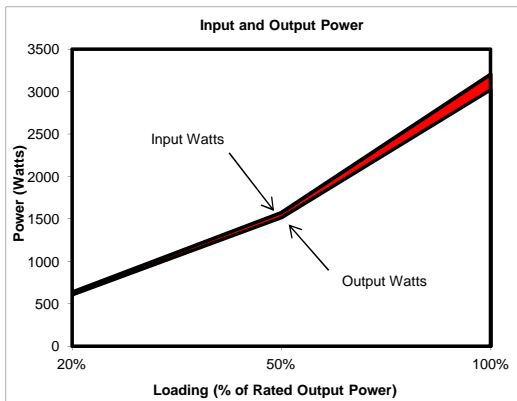
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 6.18%, 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		
1.46	0.97	14.35	10%	Low	326	1.68	12.11/24.62	12.08/0.45	304	93.18%
0.29	0.96	19.49	20%	Light	638	3.60	12.1/49.23	12.05/0.89	606	95.09%
6.97	0.98	6.18	50%	Typical	1576	10.08	12.09/123.06	11.99/2.22	1515	96.11%
13.97	1.00	2.35	100%	Full	3206	13.92	12.08/245.97	11.9/4.45	3023	94.30%

* 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/>

