

80 PLUS Verification and Testing Report

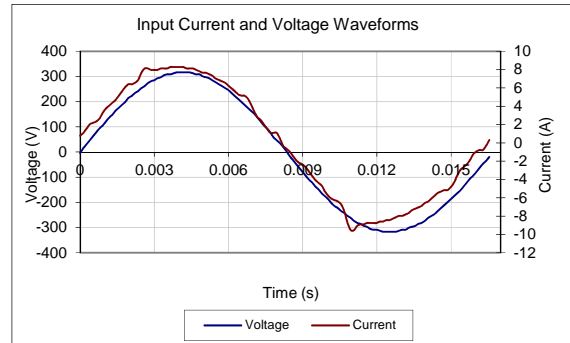
TYPICAL EFFICIENCY (50% Load):	96.15%
AVERAGE EFFICIENCY :	95.33%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-1076
Manufacturer	Oracle
Model Number	AHF2DC3000W
Serial Number	N/A
Year	2016
Type	1U
Test Date	03/04/16

Rated Specifications	Value	Units
Input Voltage	200-277	Volts
Input Current	16.0	Amps
Input Frequency	50/60	Hz
Rated Output Power	3,000	Watts

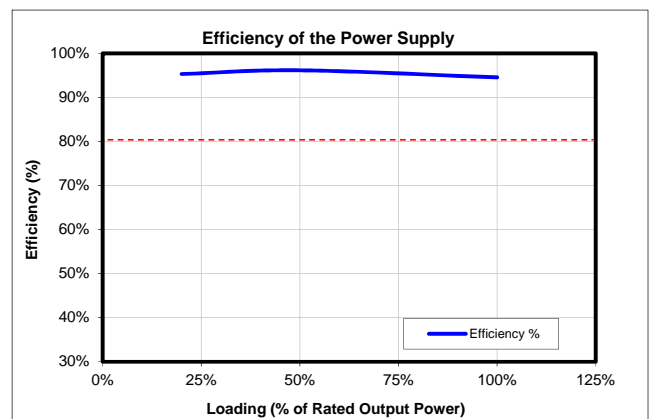
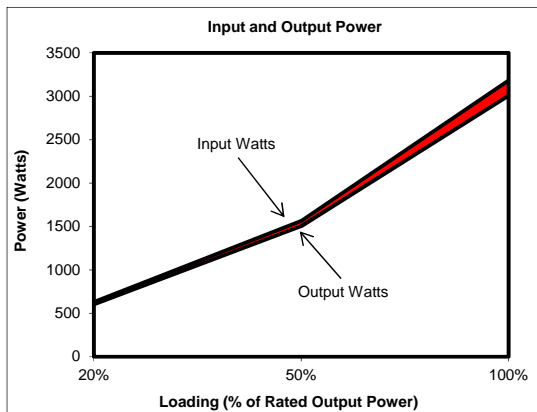
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 7.42%, 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 %
							12.3V	12Vsb		
1.45	0.96	7.73	10%	Low	322	2.16	12.31/23.86	12.15/0.49	300	93.08%
2.77	0.99	4.92	20%	Light	632	2.16	12.31/47.94	12.12/0.98	602	95.30%
6.85	0.99	7.42	50%	Typical	1565	2.28	12.31/119.87	12.03/2.46	1505	96.15%
13.84	1.00	3.15	100%	Full	3182	9.00	12.31/239.71	11.88/4.91	3008	94.54%

* 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/>

