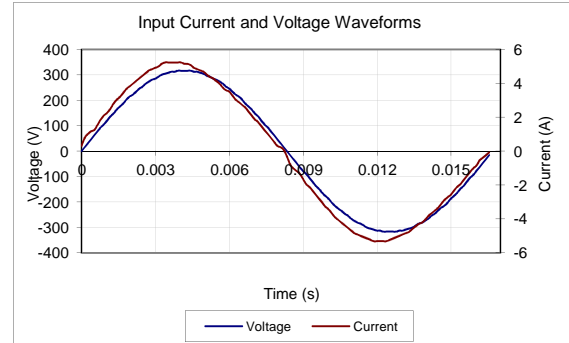


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	94.09%
AVERAGE EFFICIENCY :	93.02%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-809
Manufacturer	Fujitsu Technology Solutions GmbH
Model Number	A3C40174038
Serial Number	HAUD1423000469
Year	2014
Type	1U
Test Date	08/07/14



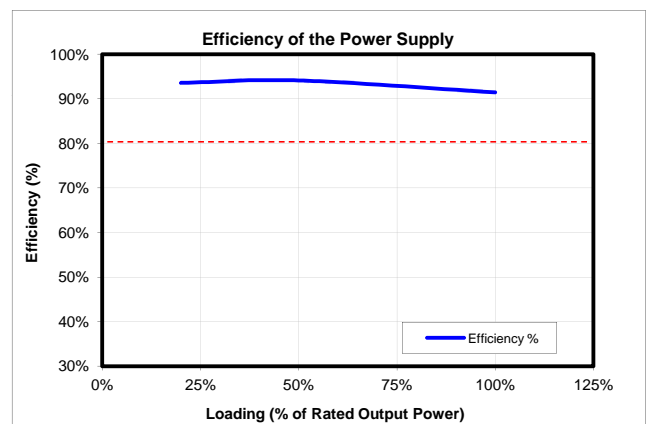
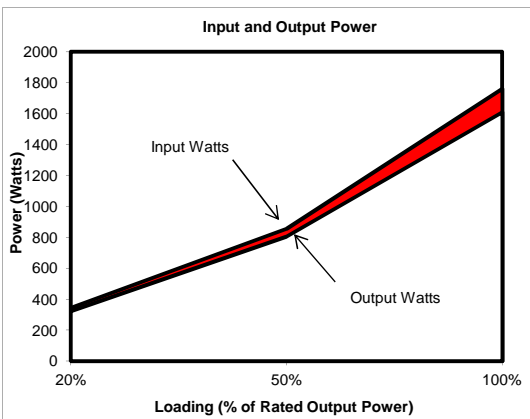
Input AC Current Waveform (ITHD = 3.197%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-127 / 200-240	Volts
Input Current	10.5 / 9.2	Amps
Input Frequency	47-63	Hz
Rated Output Power	1,600	Watts

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

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		
0.82	0.94	9.55	10%	Low	177	1.68	12.07/12.75	11.99/0.59	161	90.80%
1.54	0.97	4.57	20%	Light	345	1.68	12.07/25.53	11.96/1.19	322	93.55%
3.74	1.00	3.20	50%	Typical	856	2.04	12.06/63.81	11.91/2.97	805	94.09%
7.67	1.00	2.48	100%	Full	1761	3.36	12.06/127.68	11.85/5.93	1610	91.42%

* 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/>

