

80 PLUS Verification and Testing Report

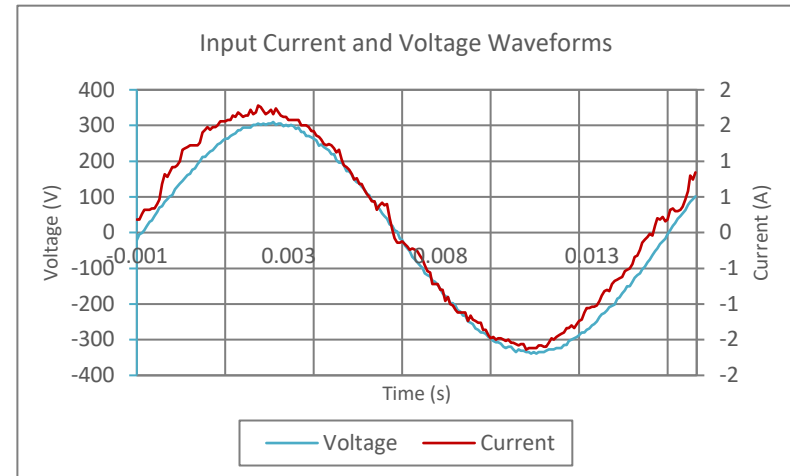
TYPICAL EFFICIENCY (50% Load):	94.40%
AVERAGE EFFICIENCY :	93.54%
80 PLUS COMPLIANT:	YES



ID Number	SO-1769
Manufacturer	Fujitsu Limited
Model Number	A3C40222514
Serial Number	0000000602
Year	2020
Type	1U
Test Date	10/05/20

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6.0-2.9	Amps
Input Frequency	50/60	Hz
Rated Output Power	500	Watts

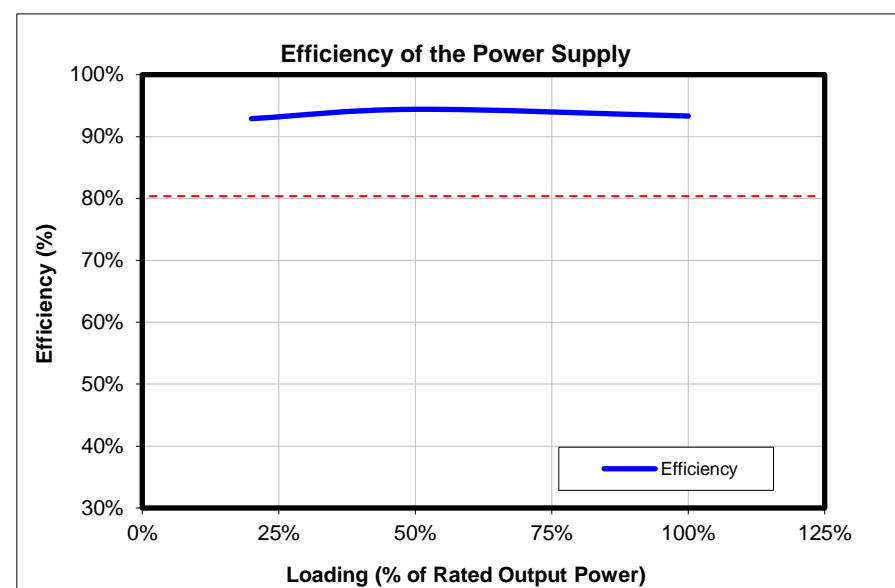
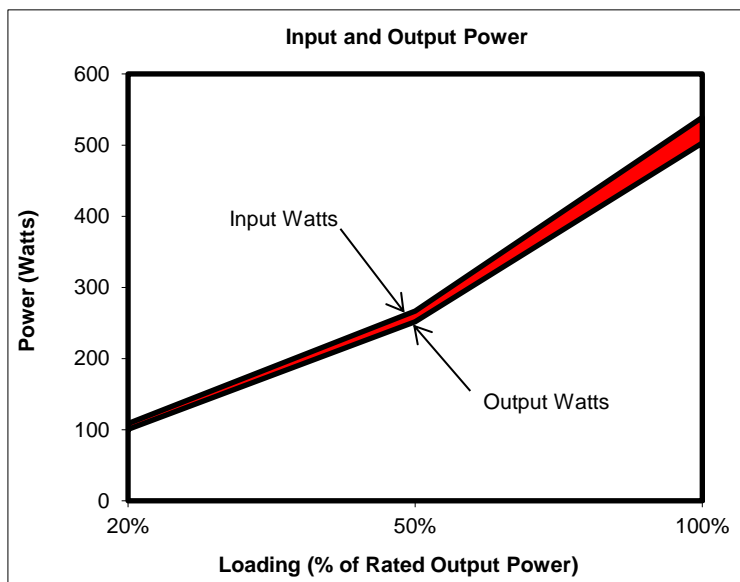
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 3.77%, 50% Load)

I _{RMS}	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		
0.27	0.91	10.21%	10%	Low	56	0.60	12.04/3.78	12.17/0.4	50	89.24%
0.49	0.95	8.95%	20%	Light	108	0.60	12.03/7.56	12.15/0.8	101	92.89%
1.17	0.99	3.77%	50%	Typical	266	0.60	12.03/18.89	12.1/2	251	94.40%
2.35	1.00	2.33%	100%	Full	539	1.68	12.04/37.79	12.02/3.99	503	93.32%

* 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/>

