

80 PLUS Verification and Testing Report

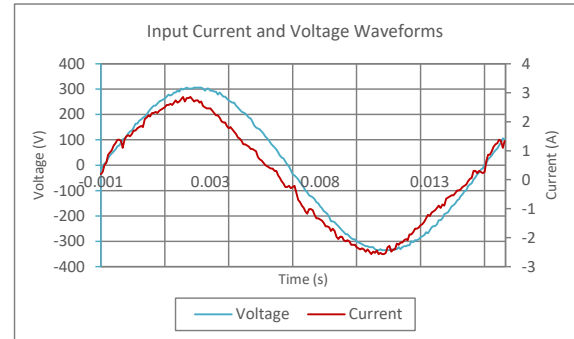
TYPICAL EFFICIENCY (50% Load):	94.54%
AVERAGE EFFICIENCY :	93.47%
80 PLUS COMPLIANT:	YES



ID Number	SO-1451
Manufacturer	3Y Power
Model Number	YSLP0750AM
Serial Number	TA000W52180800010
Year	2018
Type	1U
Test Date	09/11/18

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

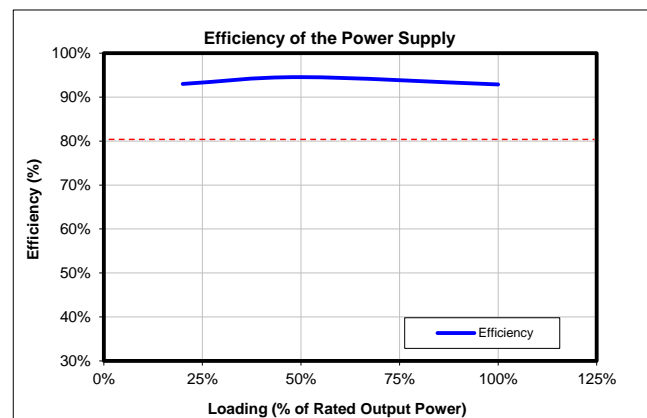
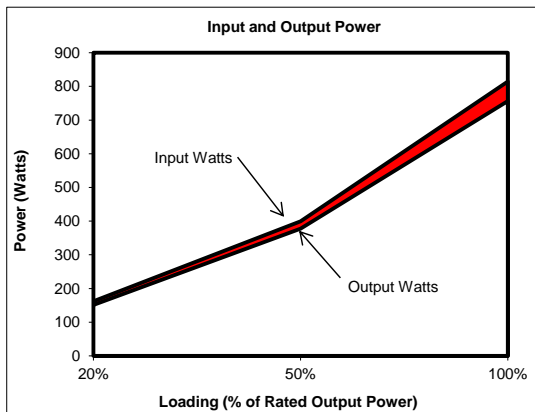
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 6.91%, 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	5Vsb		
0.51	0.72	16.26%	10%	Low	84	1.08	12.04/6.18	5.02/0.2	75	89.26%
0.83	0.85	9.34%	20%	Light	162	0.11	12.04/12.37	5.01/0.4	151	93.00%
1.82	0.96	6.91%	50%	Typical	399	3.00	12.06/30.91	4.99/0.99	378	94.54%
3.67	0.97	3.16%	100%	Full	815	5.16	12.08/61.83	4.95/1.99	756	92.88%

* 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/>

