

80 PLUS Verification and Testing Report

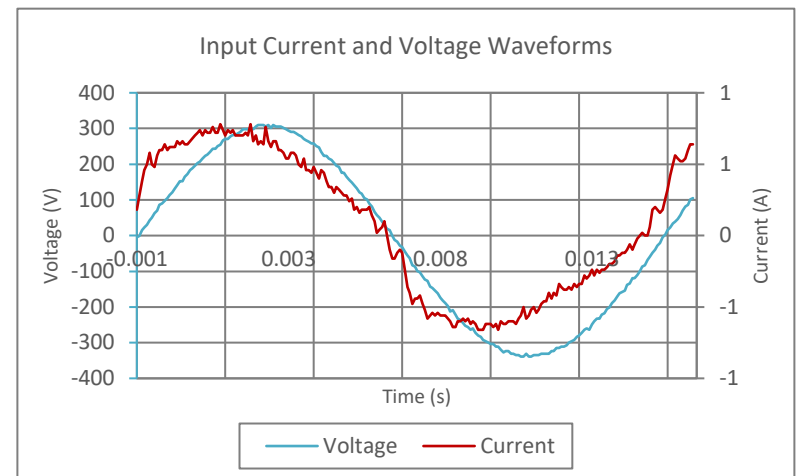
TYPICAL EFFICIENCY (50% Load):	92.51%
AVERAGE EFFICIENCY :	91.63%
80 PLUS COMPLIANT:	YES



ID Number	SO-1788
Manufacturer	3Y Power Technology
Model Number	YSEJ0200BM
Serial Number	N/A
Year	2020
Type	1U
Test Date	10/30/20

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	3-1.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	200	Watts

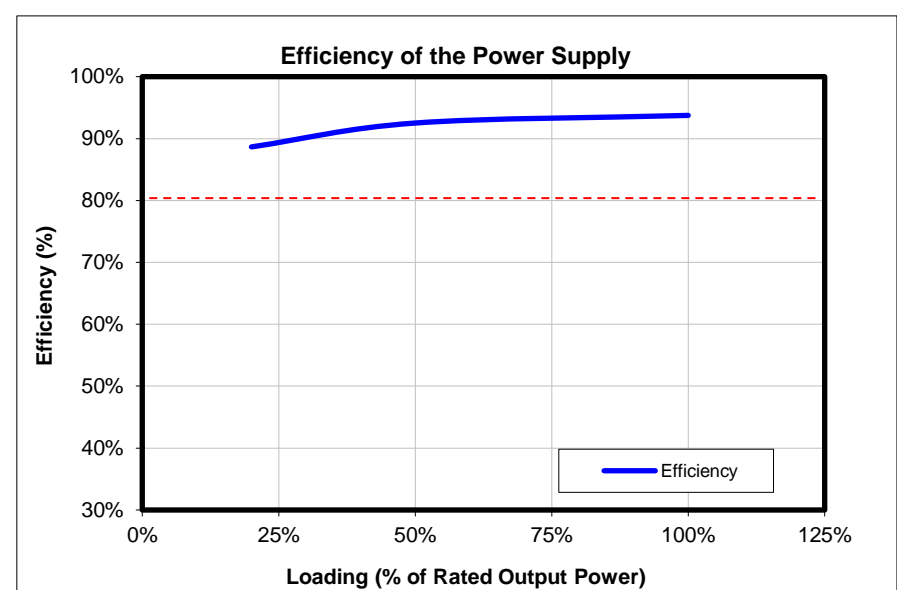
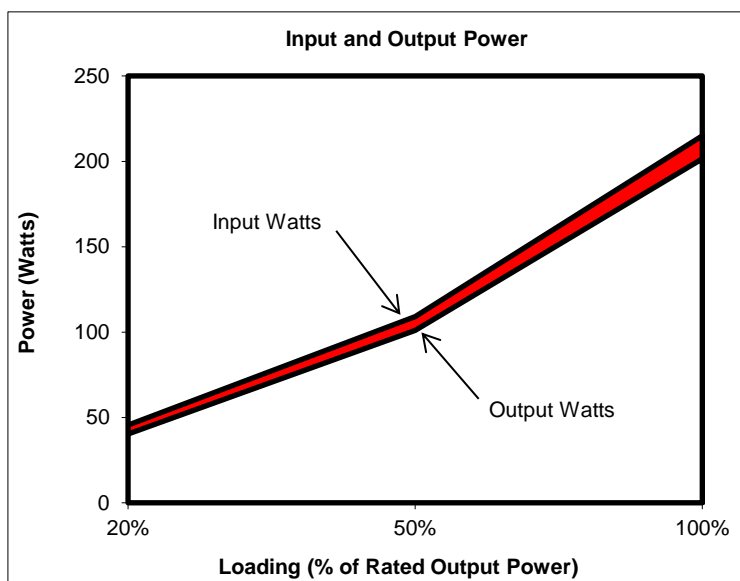
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 14.5%, 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		
0.19	0.58	12.40%	10%	Low	25	6.72	12.05/1.55	5.02/0.29	20	80.89%
0.26	0.77	15.91%	20%	Light	46	6.72	12.05/3.11	5.02/0.58	40	88.65%
0.51	0.93	14.50%	50%	Typical	109	6.72	12.04/7.77	5/1.46	101	92.51%
0.96	0.98	9.04%	100%	Full	215	6.72	12.03/15.54	4.98/2.91	201	93.74%

* 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/>

