

80 PLUS Verification and Testing Report

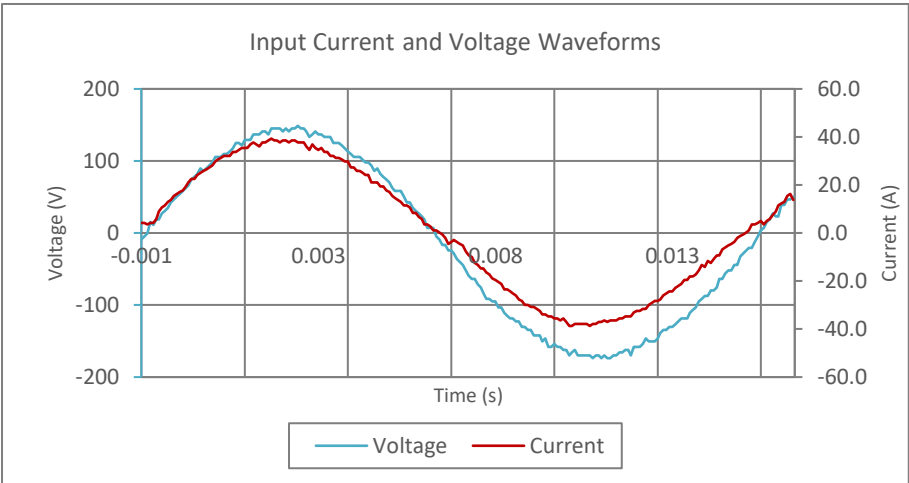
TYPICAL EFFICIENCY (50% Load):	89.35%
AVERAGE EFFICIENCY :	87.87%
80 PLUS COMPLIANT:	YES



ID Number	5482
Manufacturer	3Y Power
Model Number	YM-3541B
Serial Number	S0A000Y481849000012
Year	2019
Type	CUSTOM
Test Date	2/8/19

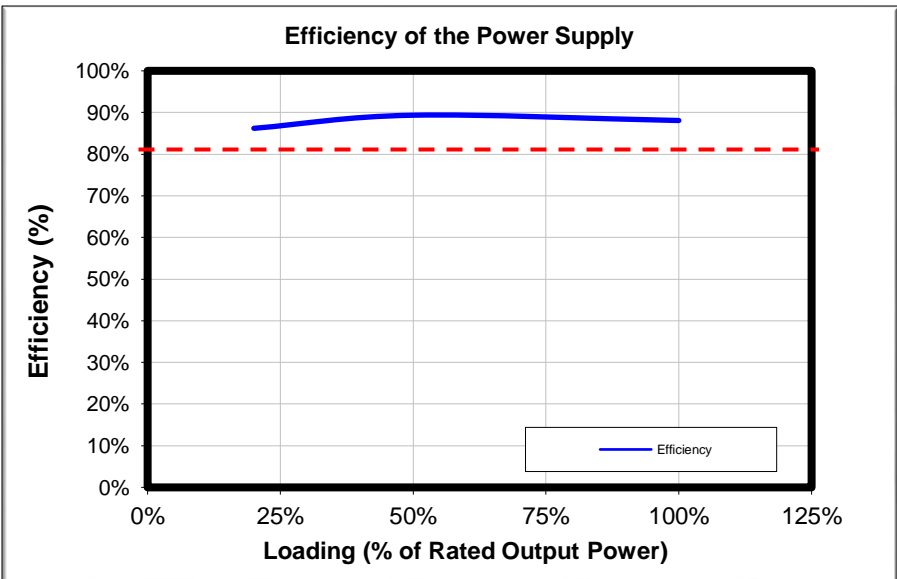
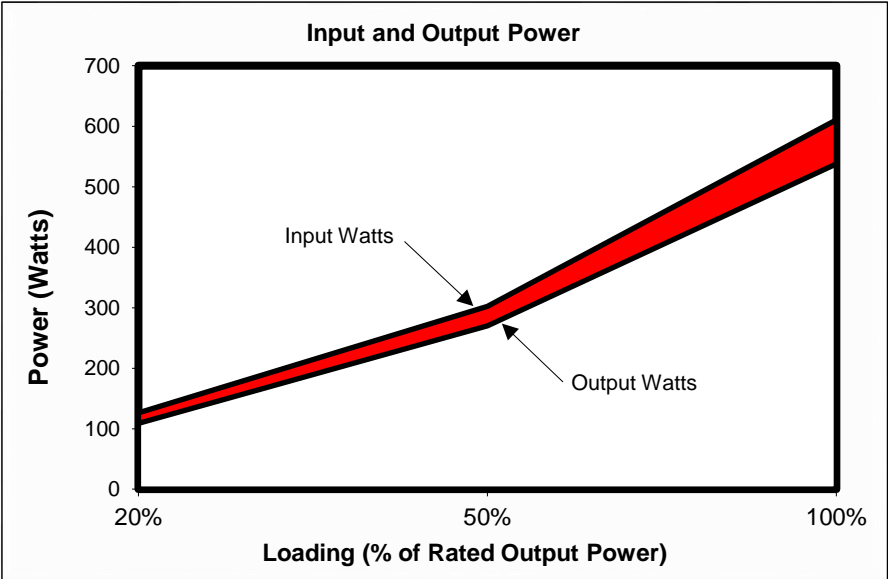
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	540	Watts

Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 4.41%, 50% Load)

I _{RMS}	PF	I _{THD}	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)			Output Watts	Efficiency
					12V	24V	5Vstb		
0.64	0.93	22.90%	10%	68.10	12.03/2.14	24.1/1.14	5.09/0.2	54.23	79.63%
1.13	0.97	15.83%	20%	126.10	12.02/4.29	24.08/2.29	5.08/0.39	108.70	86.20%
2.64	1.00	4.41%	50%	302.40	11.96/10.7	24.07/5.7	5.04/0.98	270.19	89.35%
5.32	1.00	2.92%	100%	610.40	11.87/21.4	24.03/11.4	4.96/1.96	537.62	88.08%



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/>

