

80 PLUS Verification and Testing Report

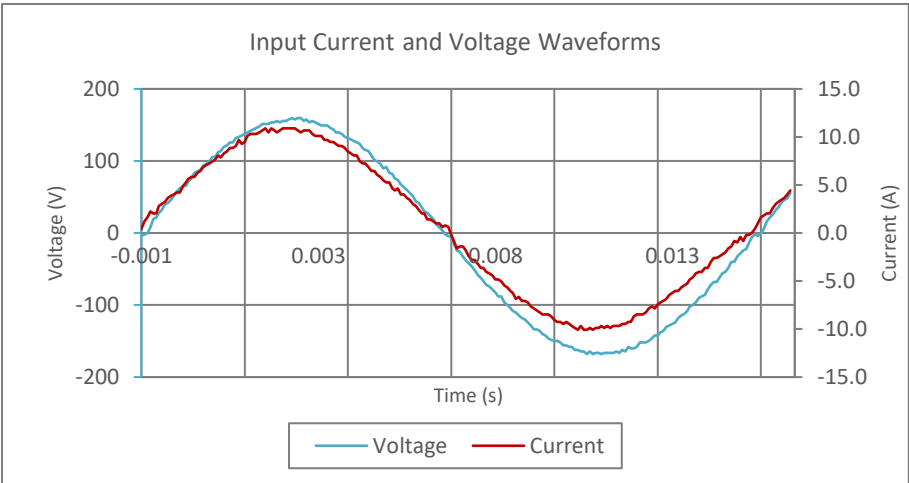
TYPICAL EFFICIENCY (50% Load):	93.21%
AVERAGE EFFICIENCY :	92.12%
80 PLUS COMPLIANT:	YES



ID Number	6665
Manufacturer	FSP Technology Inc.
Model Number	FSP2000-52AGPBI
Serial Number	S0201030057
Year	2021
Type	ATX12V, EPS12V
Test Date	9/7/21

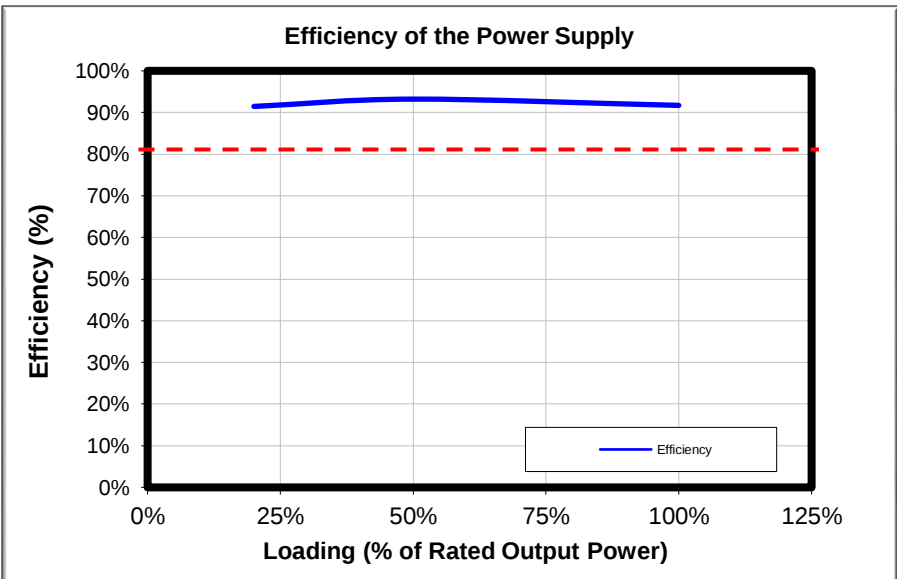
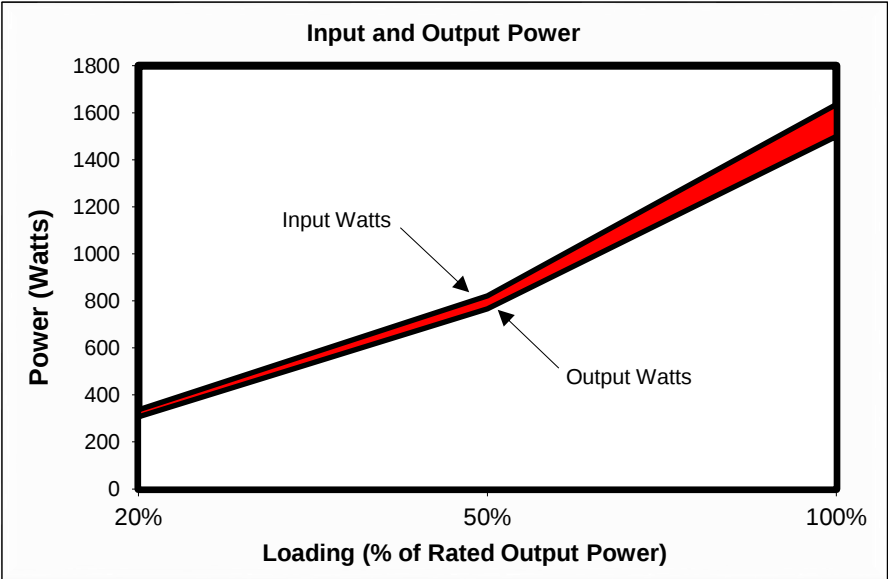
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-12	Amps
Input Frequency	60-50	Hz
Rated Output Power	1500	Watts

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



Input AC Current Waveform (ITHD = 3.93%, 50% Load)

I _{RMS}	PF	I _{THD}	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vsb		
1.61	0.95	25.81%	10%	176.26	12.31/11.51	12.04/0.03	3.4/1.25	5.21/1.25	5.21/0.28	154.25	87.51%
3.00	0.98	16.64%	20%	337.00	12.25/23.11	12.04/0.07	3.39/2.49	5.2/2.48	5.19/0.55	308.20	91.45%
7.17	1.00	3.93%	50%	821.30	12.21/57.65	12.05/0.17	3.33/6.23	5.13/6.18	5.11/1.38	765.52	93.21%
14.25	1.00	2.89%	100%	1635.10	12/114.93	12.07/0.34	3.23/12.48	5.03/12.34	5/2.75	1499.40	91.70%



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/>