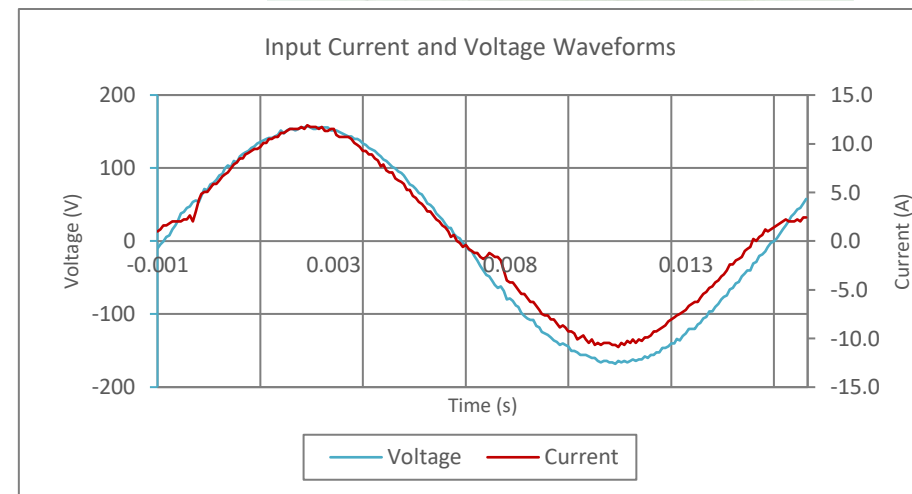


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.90%
AVERAGE EFFICIENCY :	91.86%
80 PLUS COMPLIANT:	YES



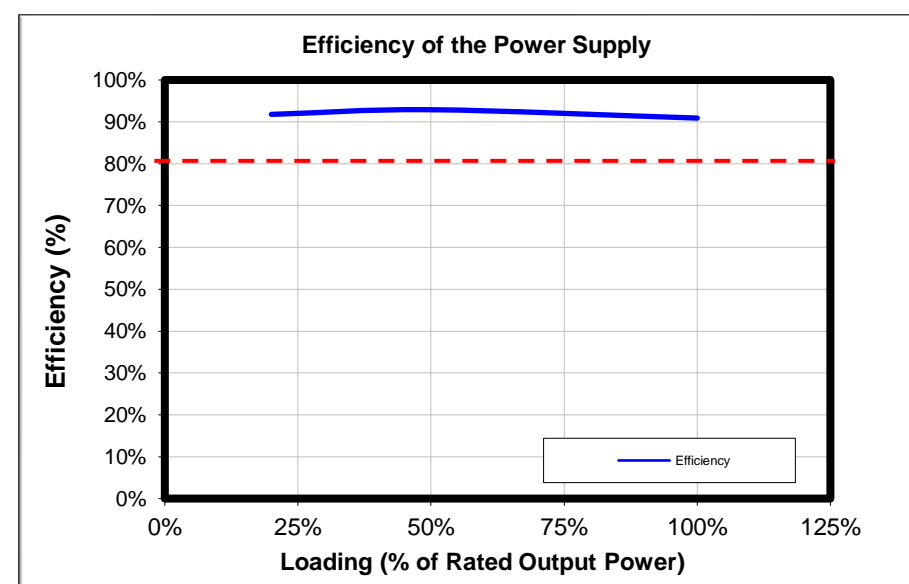
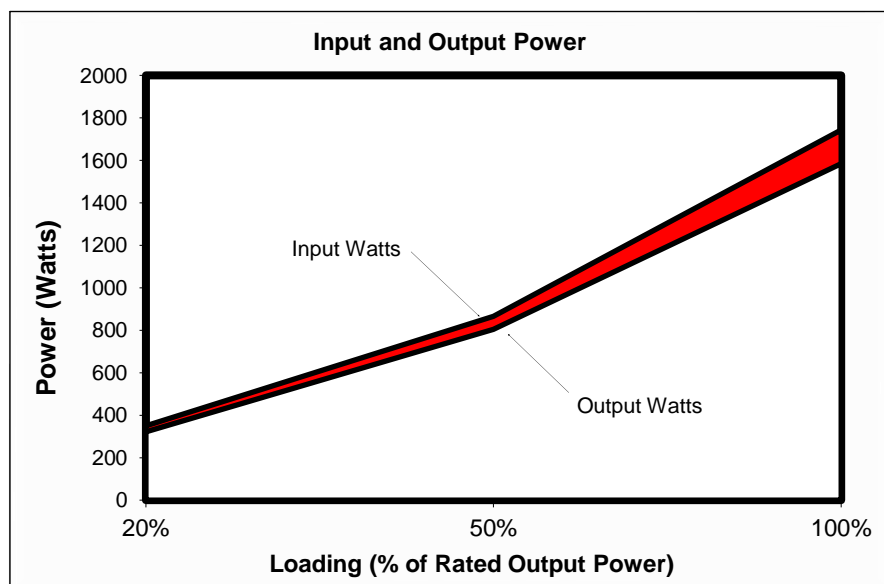
ID Number	6364
Manufacturer	EVGA Corporation
Model Number	1600 P+
Serial Number	N/A
Year	2021
Type	ATX12V, EPS12V, PS2
Test Date	1/26/21



Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	17-9	Amps
Input Frequency	60/50	Hz
Rated Output Power	1600	Watts

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

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		
1.72	0.93	35.29%	10%	183.07	12.04/12.06	12.04/0.05	3.37/1.63	5.1/1.63	5.09/0.36	161.51	88.22%
3.17	0.96	25.74%	20%	350.90	12.02/24.13	12.04/0.09	3.37/3.24	5.09/3.23	5.08/0.72	322.08	91.79%
7.57	0.99	8.33%	50%	865.80	12.02/60.28	12.05/0.23	3.35/8.16	5.01/8.09	5/1.81	804.30	92.90%
15.20	1.00	5.20%	100%	1743.00	11.88/120.02	12.07/0.45	3.3/16.35	5.01/16.15	4.96/3.61	1584.34	90.90%



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/>