

80 PLUS Verification and Testing Report

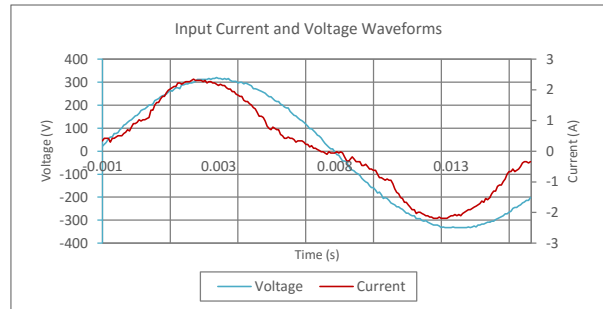
TYPICAL EFFICIENCY (50% Load):	93.09%
AVERAGE EFFICIENCY :	91.92%
80 PLUS COMPLIANT:	YES



ID Number	EU-316
Manufacturer	XILENCE GmbH
Model Number	XP550R9
Serial Number	NA
Year	2017
Type	ATX12V
Test Date	5/12/17

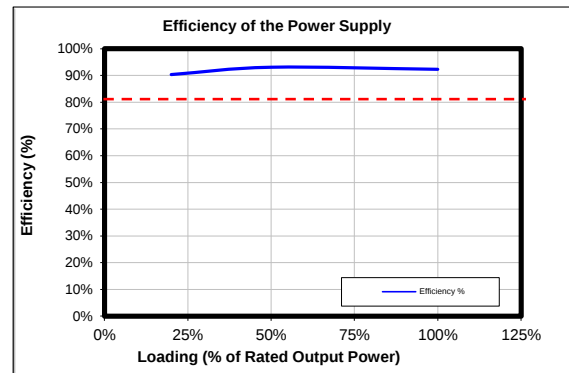
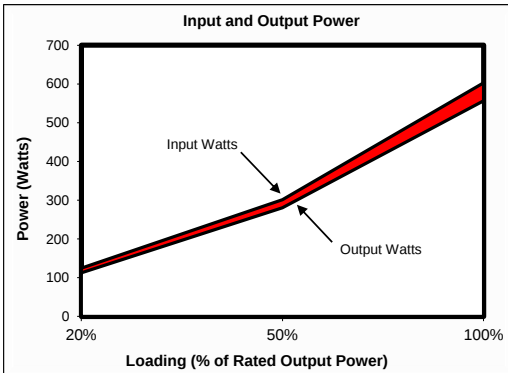
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	6.3	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 22.91%, 50% Load)

I _{RMS} A	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		
0.33	0.88	31.17%	10%	66.41	12.29/3.79	11.73/0.02	3.35/1	5.04/1	5.1/0.2	56.17	84.57%
0.60	0.90	34.33%	20%	124.49	12.28/7.58	11.72/0.05	3.35/1.99	5.04/1.98	5.09/0.41	112.48	90.35%
1.36	0.96	22.91%	50%	301.20	12.26/18.94	11.78/0.12	3.35/4.98	5.05/4.94	5.07/1.03	280.40	93.09%
2.67	0.98	14.62%	100%	602.80	12.23/37.62	11.84/0.25	3.35/9.93	5.04/9.87	5.03/2.07	556.47	92.31%



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/>

