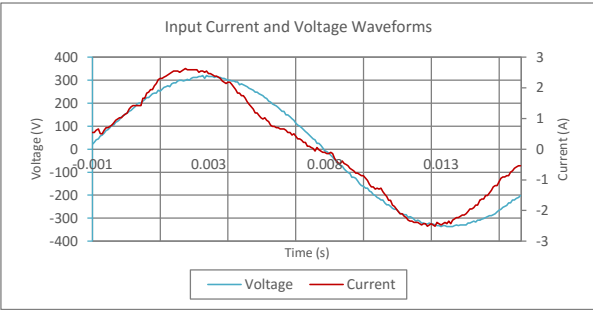


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	93.05%
AVERAGE EFFICIENCY :	91.93%
80 PLUS COMPLIANT:	YES



ID Number	EU-317
Manufacturer	XILENCE GmbH
Model Number	XP650R9
Serial Number	N/A
Year	2017
Type	ATX12V
Test Date	5/15/17

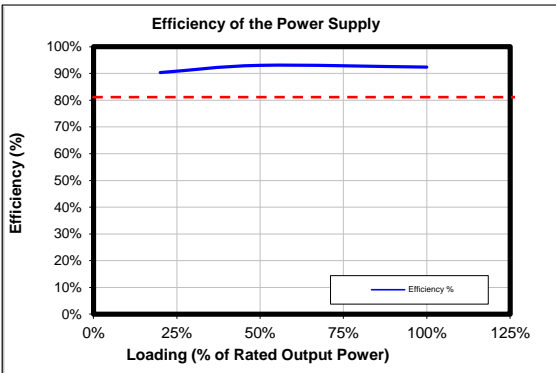
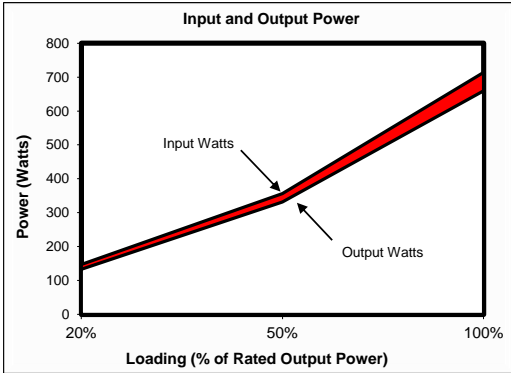


Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	6.3	Amps
Input Frequency	50-60	Hz
Rated Output Power	650	Watts

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

Input AC Current Waveform (I_{THD} = 16.43%, 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.)						
0.39	0.88	23.77%	10%	78.26	12.28/4.61	11.66/0.03	3.33/1.02	5.02/1.02	5.09/0.21	66.55	85.03%
0.69	0.93	22.08%	20%	147.35	12.28/9.23	11.68/0.05	3.33/2.05	5.02/2.04	5.09/0.42	133.13	90.35%
1.59	0.98	16.43%	50%	356.40	12.26/23.02	11.73/0.13	3.33/5.11	5.02/5.08	5.07/1.06	331.62	93.05%
3.14	0.99	11.39%	100%	713.70	12.23/45.87	11.87/0.25	3.33/10.21	5.02/10.15	5.03/2.12	659.43	92.40%



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/>

