

80 PLUS Verification and Testing Report

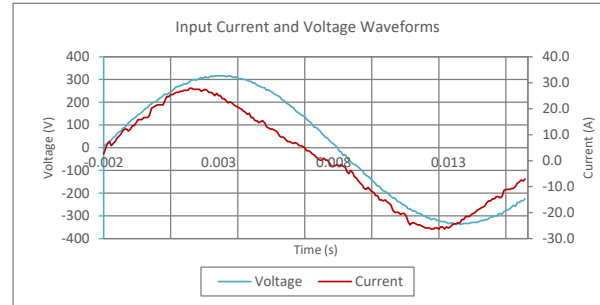
TYPICAL EFFICIENCY (50% Load):	88.97%
AVERAGE EFFICIENCY :	87.62%
80 PLUS COMPLIANT:	YES



ID Number	EU-721
Manufacturer	XILENCE GmbH
Model Number	XP650R10
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	8/26/20

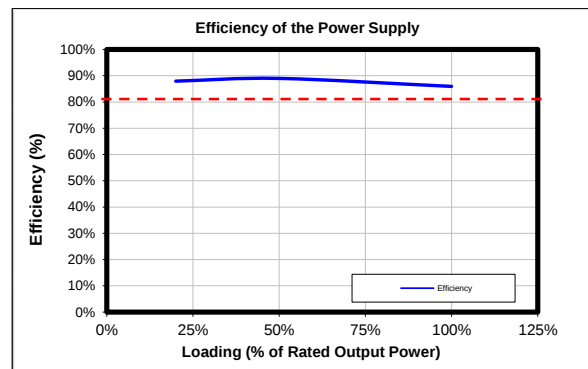
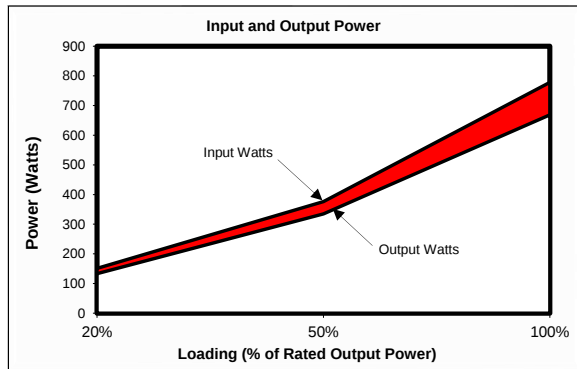
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	10	Amps
Input Frequency	50	Hz
Rated Output Power	650	Watts

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



Input AC Current Waveform (I_{THD} = 13.22%, 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		
0.42	0.83	16.38%	10%	78.86	12.19/4.42	12.06/0.05	3.4/1.45	5.17/1.07	5.13/0.23	66.17	83.91%
0.72	0.91	15.30%	20%	151.37	12.25/8.89	12.13/0.09	3.39/2.9	5.14/2.13	5.12/0.46	133.12	87.94%
1.70	0.96	13.22%	50%	376.30	12.35/22.24	12.27/0.23	3.37/7.25	5.08/5.31	5.08/1.15	334.81	88.97%
3.45	0.98	11.40%	100%	778.10	12.36/44.47	12.4/0.46	3.34/14.53	5.01/10.62	5.02/2.31	668.66	85.94%



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/>

