

80 PLUS Verification and Testing Report

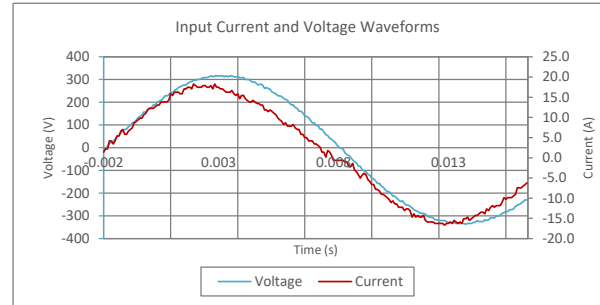
TYPICAL EFFICIENCY (50% Load):	88.83%
AVERAGE EFFICIENCY :	87.53%
80 PLUS COMPLIANT:	YES



ID Number	EU-719
Manufacturer	XILENCE GmbH
Model Number	XP450R10
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	8/26/20

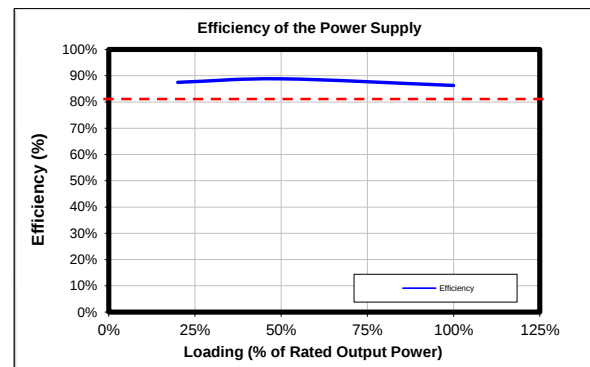
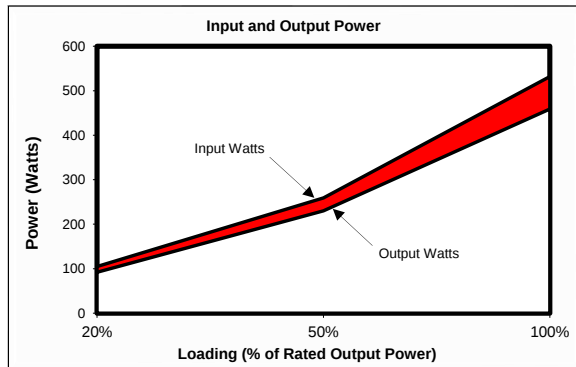
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	8	Amps
Input Frequency	50	Hz
Rated Output Power	450	Watts

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



Input AC Current Waveform (I_{THD} = 8.29%, 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		
0.27	0.88	14.74%	10%	55.31	12.23/2.89	12.12/0.04	3.4/1.29	5.07/0.9	5.14/0.22	45.88	82.95%
0.49	0.93	11.70%	20%	105.15	12.24/5.79	12.13/0.09	3.39/2.57	5.06/1.79	5.12/0.44	91.99	87.49%
1.16	0.97	8.29%	50%	258.90	12.24/14.5	12.16/0.22	3.37/6.44	5.02/4.46	5.09/1.09	229.97	88.83%
2.34	0.99	6.28%	100%	531.80	12.25/28.99	12.25/0.44	3.35/12.88	4.97/8.91	5.02/2.19	458.89	86.29%



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/>

