

80 PLUS Verification and Testing Report

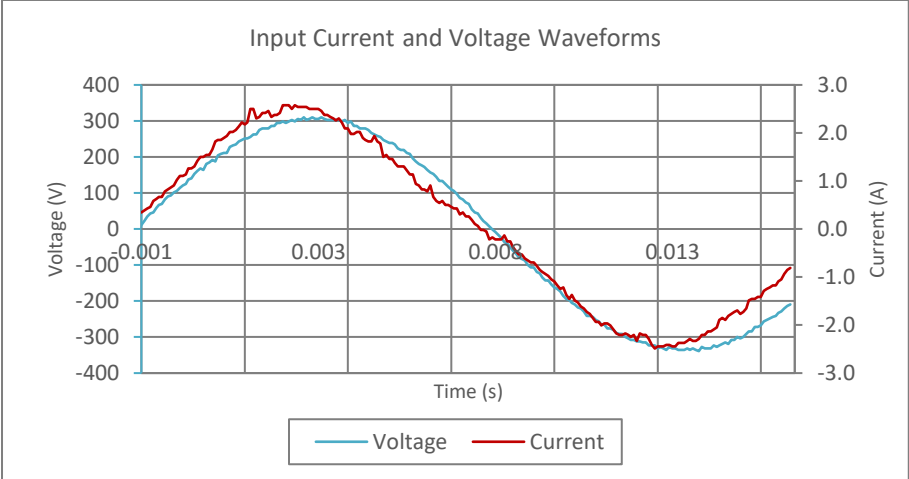
TYPICAL EFFICIENCY (50% Load):	89.39%
AVERAGE EFFICIENCY :	87.87%
80 PLUS COMPLIANT:	YES



ID Number	EU-580
Manufacturer	XILENCE GmbH
Model Number	XP650MR11
Serial Number	085X9300000331
Year	2019
Type	ATX12V
Test Date	8/21/19

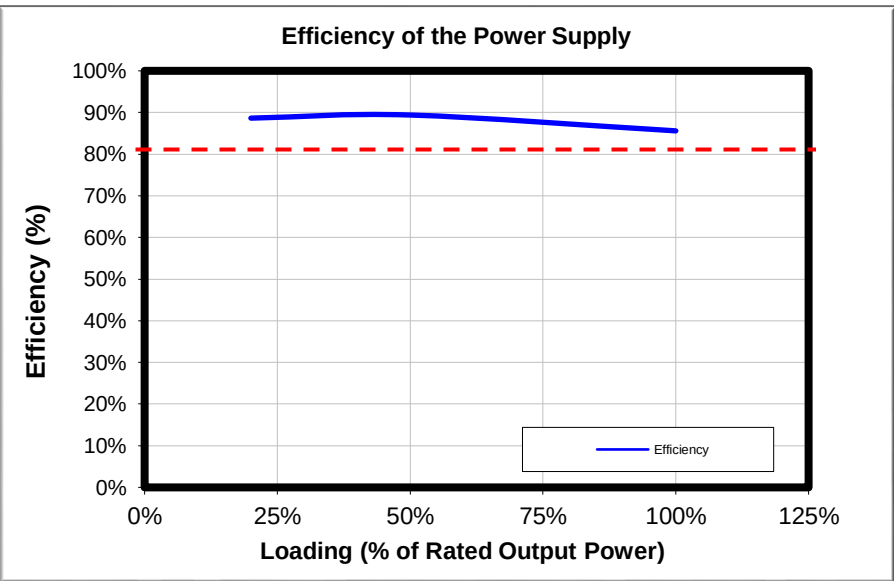
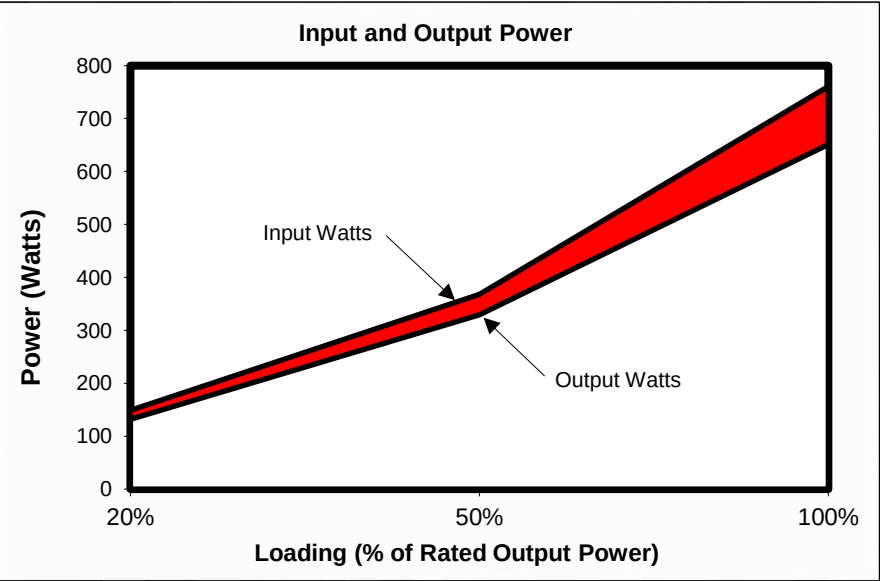
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	6.3	Amps
Input Frequency	50-60	Hz
Rated Output Power	650	Watts

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



Input AC Current Waveform (ITHD = 9.87%, 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		
0.45	0.77	57.41%	10%	79.00	12.19/4.6	11.74/0.03	3.35/1.02	5.07/1.02	5.05/0.25	66.26	83.88%
0.68	0.95	24.93%	20%	148.92	12.17/9.18	11.76/0.05	3.34/2.04	5.06/2.03	5.03/0.51	132.01	88.65%
1.62	0.99	9.87%	50%	367.80	12.11/23	11.82/0.13	3.31/5.1	5.04/5.06	4.99/1.27	328.77	89.39%
3.34	0.99	10.87%	100%	760.70	11.99/45.99	12.03/0.25	3.27/10.21	5/10.1	4.92/2.54	651.07	85.59%



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/>

