

80 PLUS Verification and Testing Report

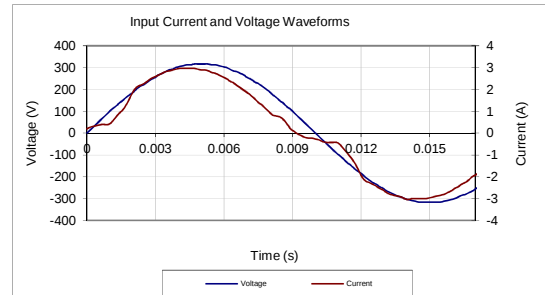
TYPICAL EFFICIENCY (50% Load):	90.57%
AVERAGE EFFICIENCY :	89.09%
80 PLUS COMPLIANT:	YES



Ecos ID #	EU-177
Manufacturer	XILENCE GmbH
Model Number	XP830R8
Serial Number	4044953500466
Year	2015
Type	ATX12V
Test Date	11/23/15

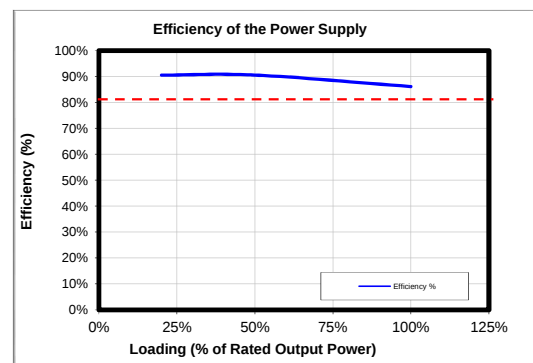
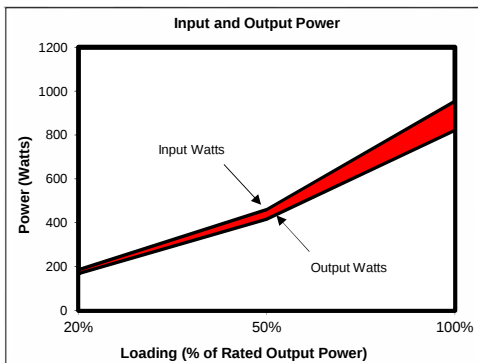
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	6.3	Amps
Input Frequency	50	Hz
Rated Output Power	830	Watts

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



Input AC Current Waveform (THD = 14.93%, 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
0.45	0.92	26.66%	10%	95.68	12.03/5.81		11.6/0.03	3.41/1.58	5.19/1.32	5.12/0.21	83.54	87.31%
0.84	0.96	21.83%	20%	184.85	12.01/11.68		11.57/0.05	3.4/3.16	5.18/2.62	5.1/0.42	167.37	90.54%
2.03	0.98	14.93%	50%	459.30	11.96/29.18		11.54/0.13	3.38/7.9	5.14/6.54	5.06/1.05	415.97	90.57%
4.17	0.99	7.49%	100%	953.70	11.85/58.2		11.62/0.25	3.34/15.72	5.07/13.06	4.97/2.11	821.64	86.15%



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/>

