

80 PLUS Verification and Testing Report

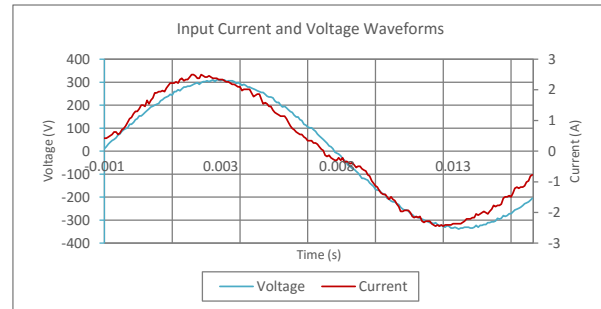
TYPICAL EFFICIENCY (50% Load):	89.70%
AVERAGE EFFICIENCY :	88.01%
80 PLUS COMPLIANT:	YES



ID Number	EU-342
Manufacturer	NOX
Model Number	NXURVX650BZ
Serial Number	N/A
Year	2017
Type	ATX12V
Test Date	8/24/17

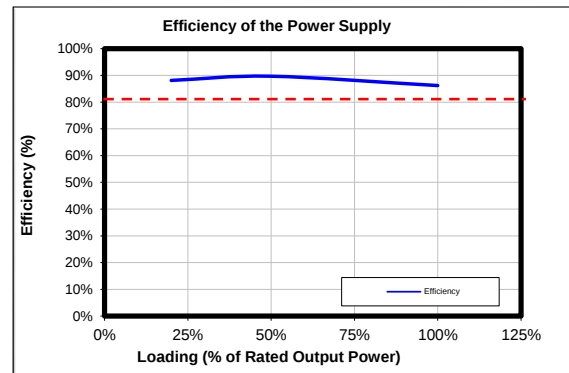
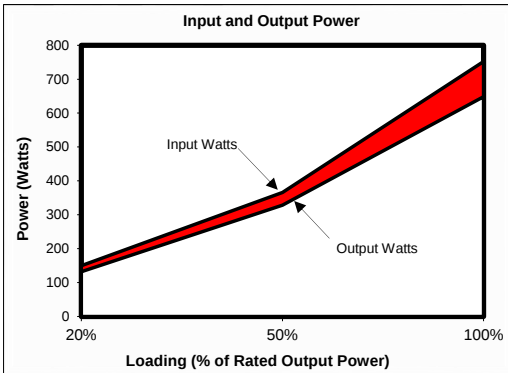
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	3.5	Amps
Input Frequency	47-63	Hz
Rated Output Power	650	Watts

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



Input AC Current Waveform (I_{THD} = 10.206%, 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		
0.40	0.86	24.24%	10%	79.49	12.18/4.43	11.58/0.03	3.4/1.28	5/1.28	5.08/0.22	66.12	83.18%
0.69	0.94	17.85%	20%	149.82	12.17/8.86	11.61/0.05	3.38/2.55	5.07/2.54	5.06/0.44	132.03	88.12%
1.62	0.98	10.21%	50%	366.13	12.12/22.13	11.72/0.13	3.34/6.38	5.02/6.33	5.01/1.1	328.41	89.70%
3.29	0.99	7.16%	100%	752.10	12.03/44.08	11.97/0.26	3.25/12.74	4.94/12.66	4.91/2.21	648.31	86.20%



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/>

