

80 PLUS Verification and Testing Report

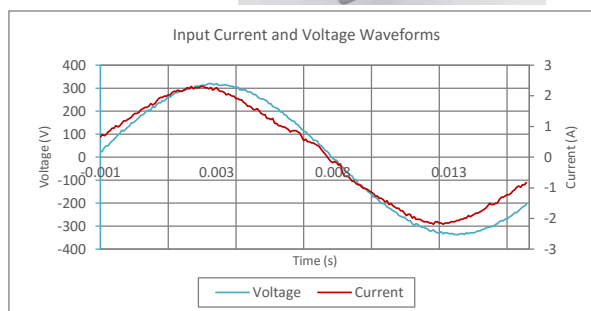
TYPICAL EFFICIENCY (50% Load):	88.79%
AVERAGE EFFICIENCY :	87.51%
80 PLUS COMPLIANT:	YES



ID Number	EU-360
Manufacturer	POWEREX CO.,Ltd
Model Number	REX-600EX
Serial Number	N/A
Year	2017
Type	ATX12V
Test Date	11/10/17

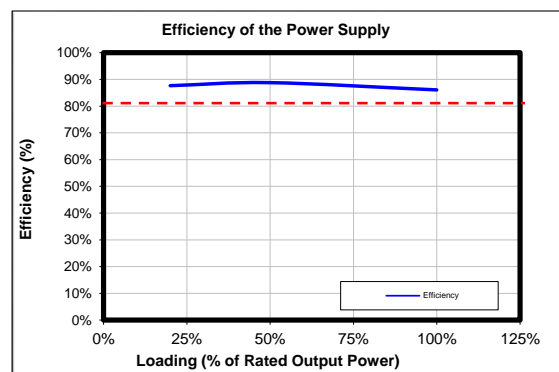
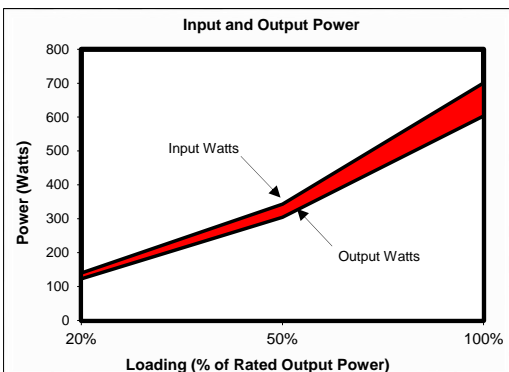
Rated Specifications	Value	Units
Input Voltage	220-240	Volts
Input Current	6	Amps
Input Frequency	50/60	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (I_{THD} = 5.721%, 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		
0.37	0.87	24.95%	10%	73.70	12.23/4.18	12.25/0.02	3.45/1.04	5.13/1.04	5.07/0.21	61.33	83.22%
0.64	0.95	13.28%	20%	139.93	12.21/8.36	12.22/0.05	3.44/2.09	5.12/2.08	5.05/0.42	122.65	87.65%
1.51	0.99	5.72%	50%	343.21	12.15/20.92	12.19/0.12	3.39/5.21	5.07/5.18	5/1.04	304.74	88.79%
3.07	0.99	6.48%	100%	700.69	12.05/41.78	12.14/0.25	3.32/10.42	4.99/10.36	4.92/2.08	603.14	86.08%



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/>

