

80 PLUS Verification and Testing Report

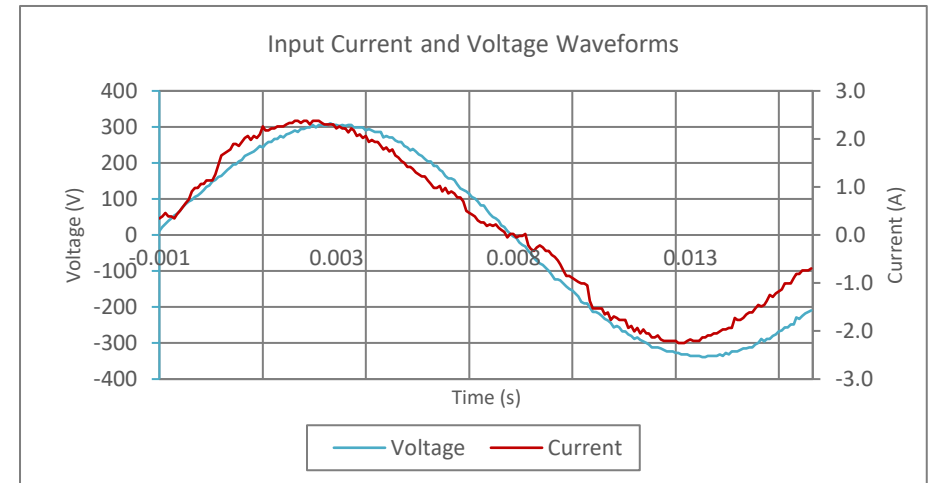
TYPICAL EFFICIENCY (50% Load):	89.14%
AVERAGE EFFICIENCY :	87.71%
80 PLUS COMPLIANT:	YES



ID Number	EU-559
Manufacturer	ExeGate Limited
Model Number	ExeGate 600PPH
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	7/17/19

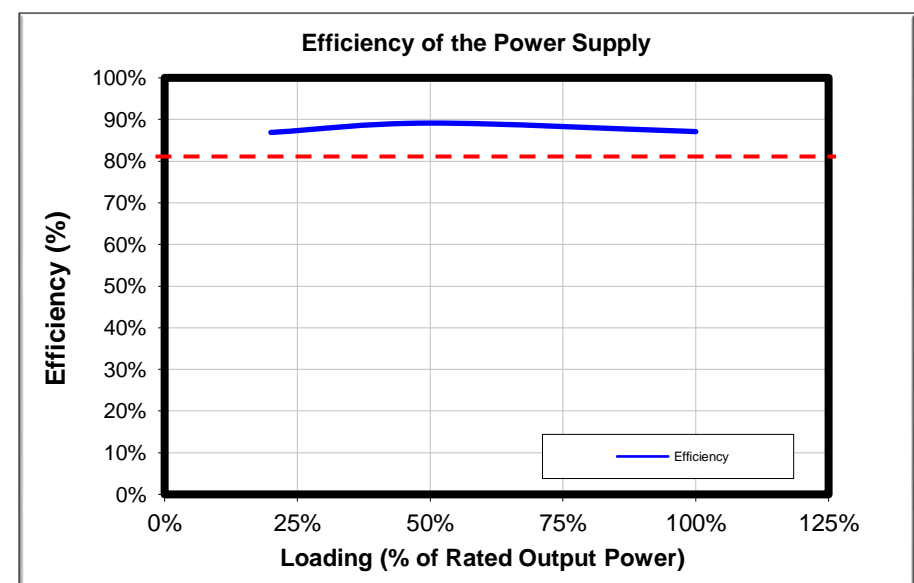
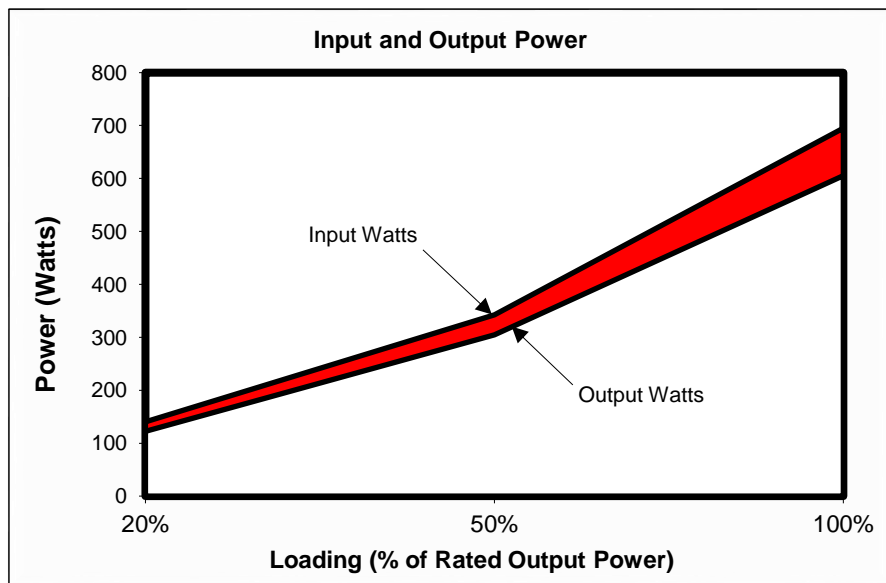
Rated Specifications	Value	Units
Input Voltage	180-240	Volts
Input Current	4	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 12.4%, 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		
0.41	0.79	22.13%	10%	75.24	12.25/4.41	11.96/0.05	3.36/0.7	5.19/0.6	5.08/0.2	61.13	81.24%
0.70	0.87	16.99%	20%	140.56	12.23/8.83	11.97/0.1	3.35/1.4	5.18/1.2	5.07/0.4	122.13	86.89%
1.57	0.95	12.40%	50%	342.20	12.19/22.15	12.01/0.25	3.34/3.5	5.16/2.98	5.04/1	305.02	89.14%
3.10	0.97	6.63%	100%	695.10	12.11/44.26	12.09/0.5	3.3/7.02	5.11/5.96	4.97/2	605.41	87.10%



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/>

