

# 80 PLUS Verification and Testing Report

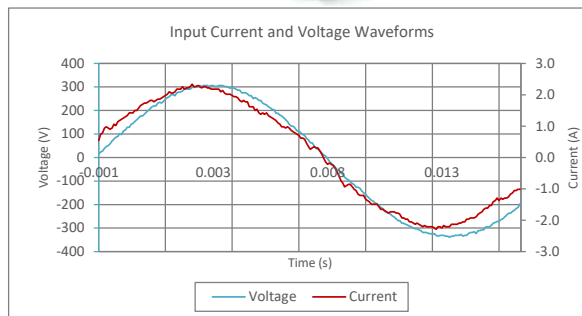
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>86.45%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>84.91%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	EU-547
<b>Manufacturer</b>	GUANGZHOU PREE ELECTRONICS TECHNOLOGY CO., LTD.
<b>Model Number</b>	FX600 STANDARD
<b>Serial Number</b>	N/A
<b>Year</b>	2019
<b>Type</b>	ATX12V
<b>Test Date</b>	6/19/19

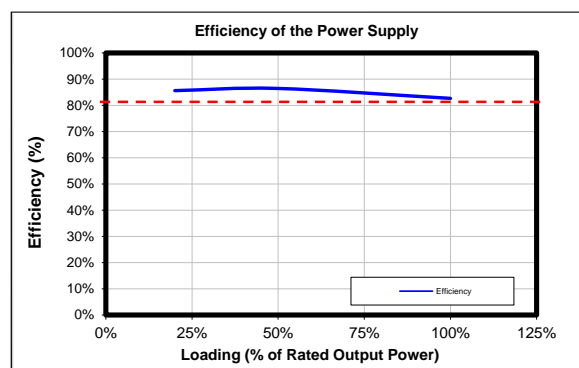
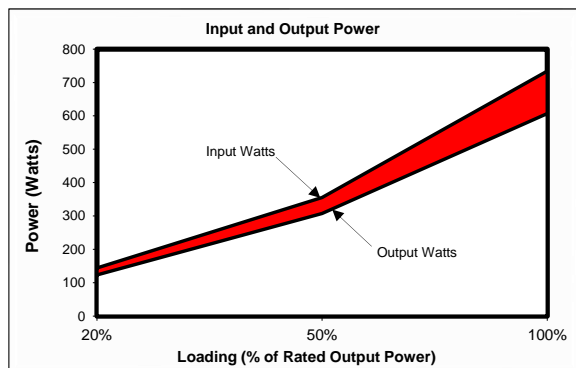
Rated Specifications	Value	Units
Input Voltage	230	Volts
Input Current	4	Amps
Input Frequency	50	Hz
<b>Rated Output Power</b>	<b>600</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 5.41%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	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		
0.38	0.87	10.01%	10%	76.31	12.37/4.03	11.74/0.03	3.38/1.1	5.15/1.3	5.12/0.25	61.91	81.13%
0.66	0.95	6.18%	20%	144.48	12.36/8.07	11.76/0.06	3.36/2.2	5.13/2.58	5.1/0.5	123.70	85.62%
1.56	0.99	5.41%	50%	355.70	12.3/20.19	11.81/0.15	3.33/5.5	5.07/6.44	5.04/1.25	307.50	86.45%
3.22	0.99	7.49%	100%	734.30	12.18/40.35	11.97/0.3	3.26/11.01	4.97/12.87	4.92/2.5	607.00	82.66%



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/>

