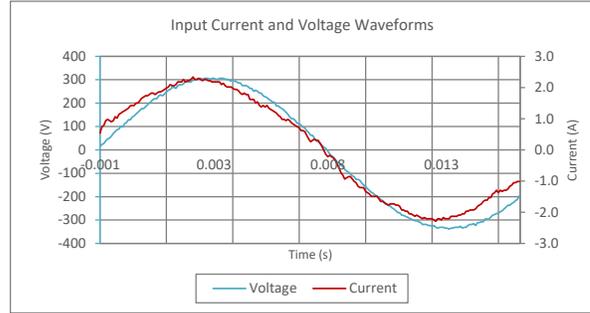


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.45%
AVERAGE EFFICIENCY :	84.91%
80 PLUS COMPLIANT:	YES



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

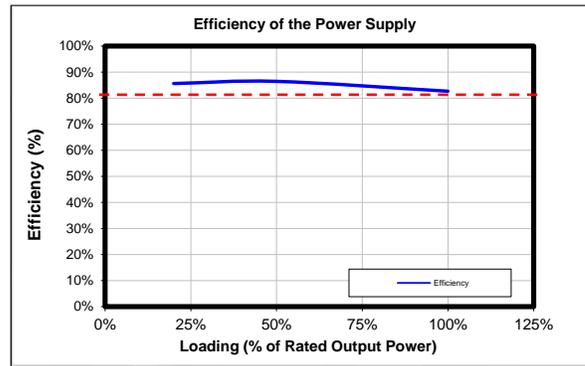
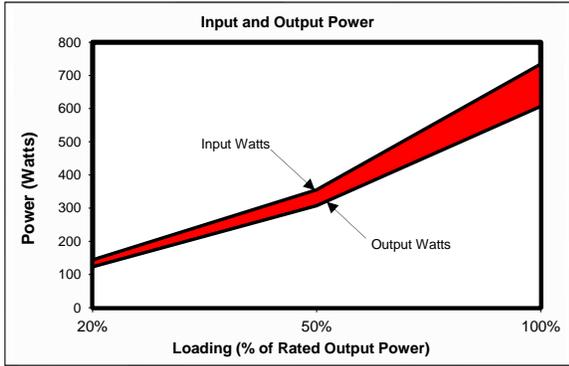


Input AC Current Waveform (ITHD = 5.41%, 50% Load)

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

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

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
0.38	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/>

