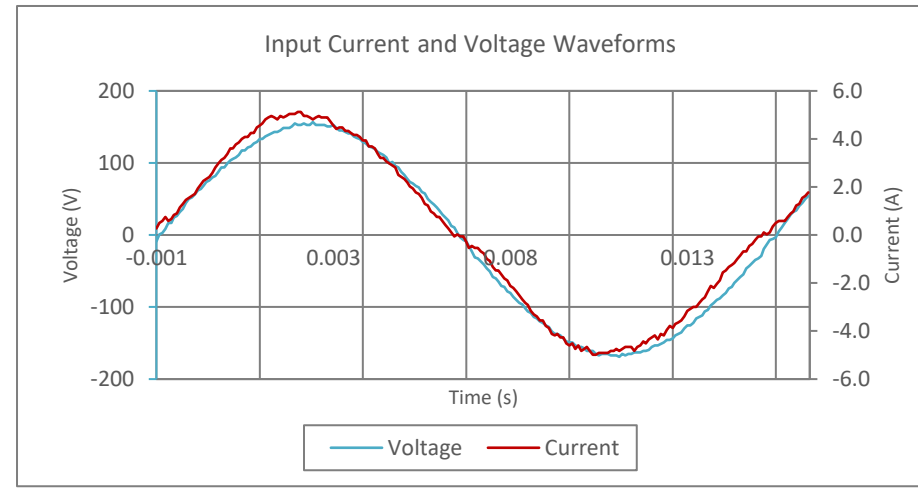


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.46%
AVERAGE EFFICIENCY :	90.33%
80 PLUS COMPLIANT:	YES



ID Number	5846
Manufacturer	HIGH POWER ELECTRONIC CO., LTD.
Model Number	HP1-J700GD-F12S(C)
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	1/7/20

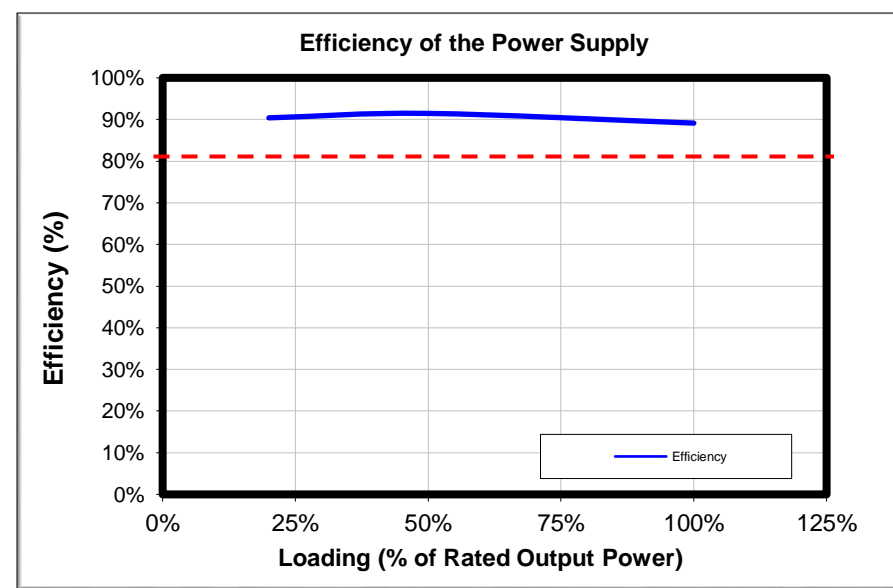
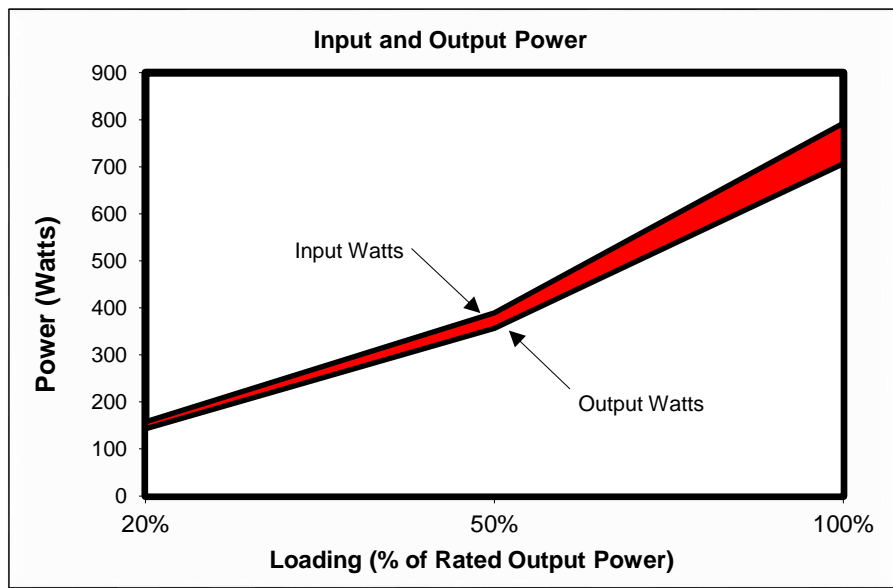


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	700	Watts

Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.

Input AC Current Waveform (ITHD = 5.95%, 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
0.74	0.97	16.81%	10%	82.74	12.21/4.88	11.86/0.03	3.36/1.21	5.09/1.21	5.14/0.25	71.48	86.39%
1.39	0.99	12.94%	20%	157.79	12.21/9.76	11.87/0.05	3.34/2.41	5.08/2.4	5.12/0.5	142.63	90.39%
3.40	1.00	5.95%	50%	389.30	12.18/24.47	11.6/0.13	3.31/6.05	5.05/5.99	5.06/1.25	356.06	91.46%
6.91	1.00	5.90%	100%	792.60	12.12/48.86	11.85/0.25	3.26/12.08	5/11.95	4.97/2.51	706.45	89.13%



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/>

