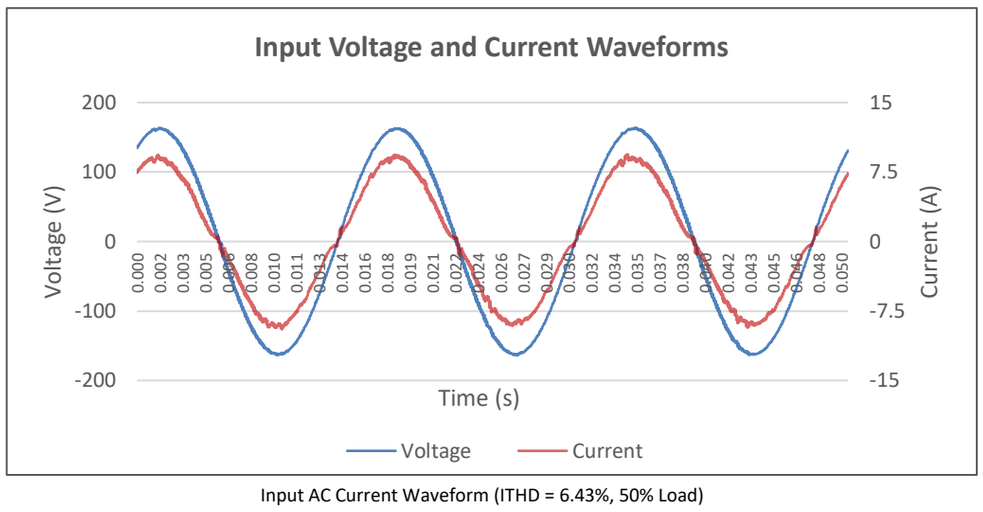
80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	**92.82%**
AVERAGE EFFICIENCY :	**89.55%**
80 PLUS COMPLIANT:	**Platinum**



ID Number	7371
Manufacturer	High Power Electric Co., Ltd.
Model Number	HP1-O21300GD-F14C
Serial Number	N/A
Type	ATX12V
Test Date	4/22/24

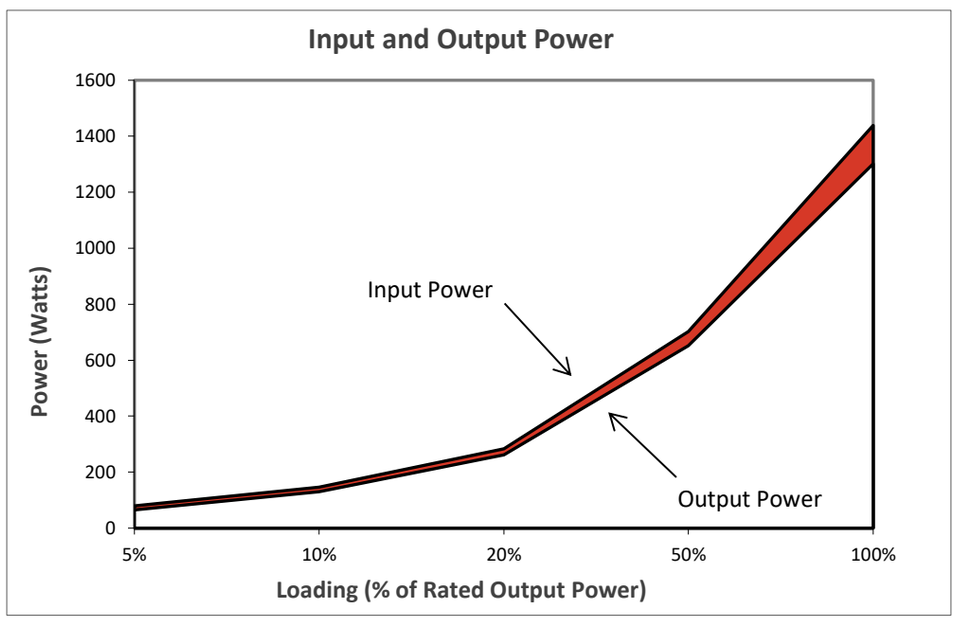


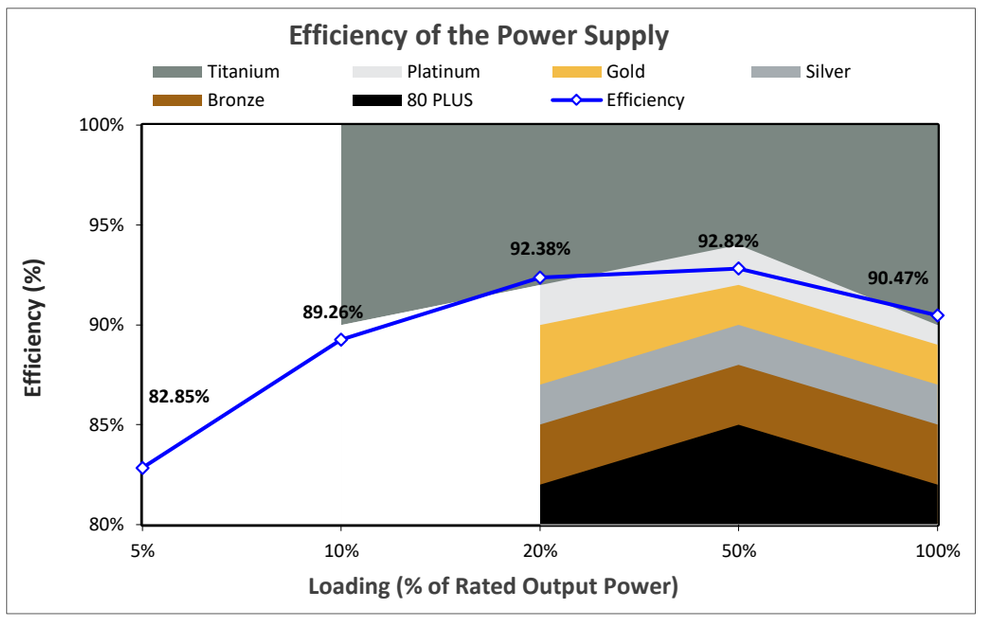
Input AC Current Waveform (ITHD = 6.43%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	**Volts**
Input Current	15-8	**Amps**
Input Frequency	50-60	**Hz**
Rated Output Power	1300	**Watts**

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

$I_{RMS\ (A)}$	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	5Vstb		
0.123	0.2627	26.49	0%	**3.71**	**No-Load**						
0.717	**0.9551**	17.10	5%	**78.74**	12.03/4.89	12.13/0.023	3.36/0.65	5.07/0.65	5.05/0.135	**65.23**	**82.85%**
1.296	**0.9816**	13.81	10%	**146.27**	12.03/9.78	12.16/0.045	3.36/1.3	5.07/1.3	5.05/0.271	**130.56**	**89.26%**
2.474	**0.9938**	7.02	20%	**282.71**	12.04/19.55	12.23/0.09	3.36/2.61	5.07/2.61	5.04/0.541	**261.16**	**92.38%**
6.123	**0.9968**	6.43	50%	**701.89**	12.01/48.87	12.38/0.226	3.34/6.52	5.07/6.52	5.02/1.354	**651.47**	**92.82%**
12.534	**0.9981**	5.55	100%	**1438.70**	12/97.73	12.71/0.451	3.33/13.05	5.07/13.05	4.97/2.707	**1301.55**	**90.47%**





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/*