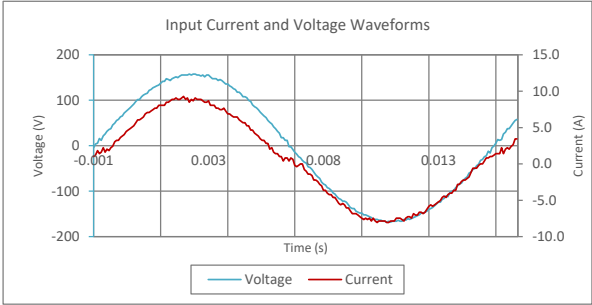


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>92.55%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>91.53%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	5278.1
<b>Manufacturer</b>	High Power Electric Co., Ltd.
<b>Model Number</b>	GP1200B-OCDG
<b>Serial Number</b>	N/A
<b>Year</b>	2018
<b>Type</b>	ATX12V
<b>Test Date</b>	4/17/18

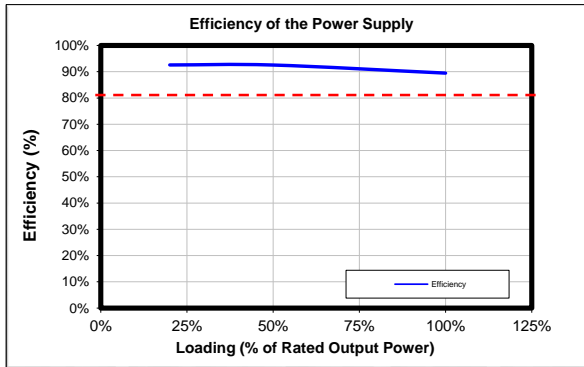
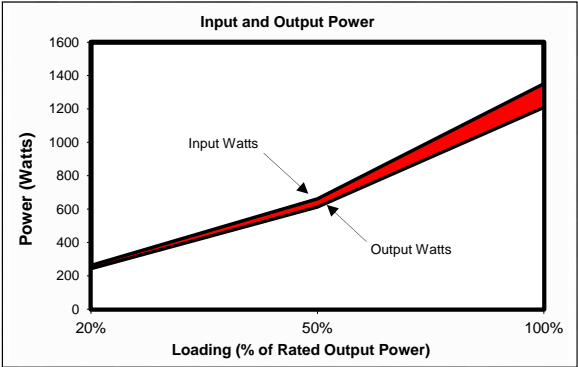


Input AC Current Waveform (ITHD = 5.84%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>1200</b>	<b>Watts</b>

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

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.)						
1.35	0.86	10.75%	10%	134.56	12.08/8.92	-12V	3.3V	5V	5Vsb	121.13	90.02%
2.43	0.94	5.85%	20%	263.00	12.12/17.87	11.47/0.03	3.31/1.39	5.07/1.39	5.06/0.27	243.49	92.58%
5.83	0.99	5.84%	50%	662.00	12.2/44.67	11.67/0.05	3.31/2.79	5.12/2.77	5.1/0.53	612.69	92.55%
11.80	1.00	5.22%	100%	1351.40	12.11/89.17	12.1/0.13	3.3/6.97	5.21/6.91	5.16/1.33	1209.10	89.47%



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/>

