80 PLUS Verification and Testing Report

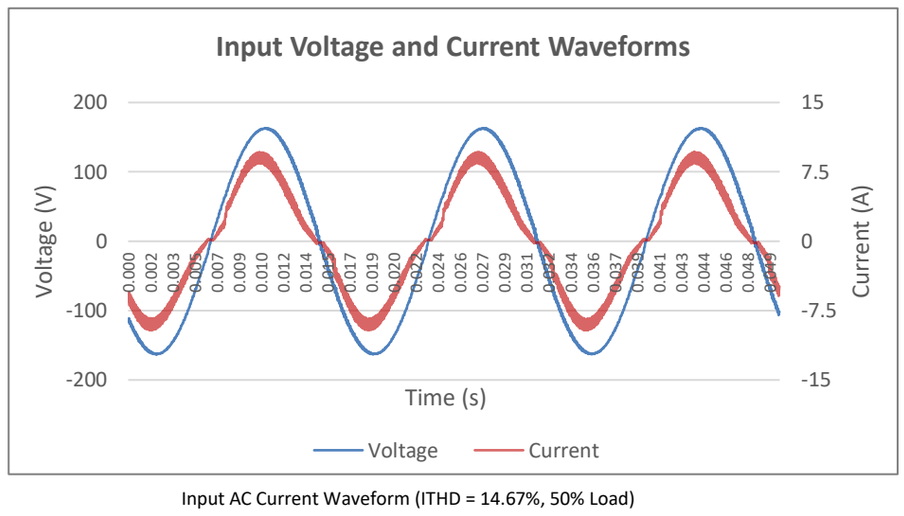
TYPICAL EFFICIENCY (50% Load):	**92.20%**
AVERAGE EFFICIENCY :	**89.38%**
80 PLUS COMPLIANT:	**Platinum**



ID Number	7285
Manufacturer	Dongguan Chenming Electronic Co., Ltd.
Model Number	ATX3.0-PC1200-PM
Serial Number	N/A
Year	2024
Type	ATX12V
Test Date	1/24/24

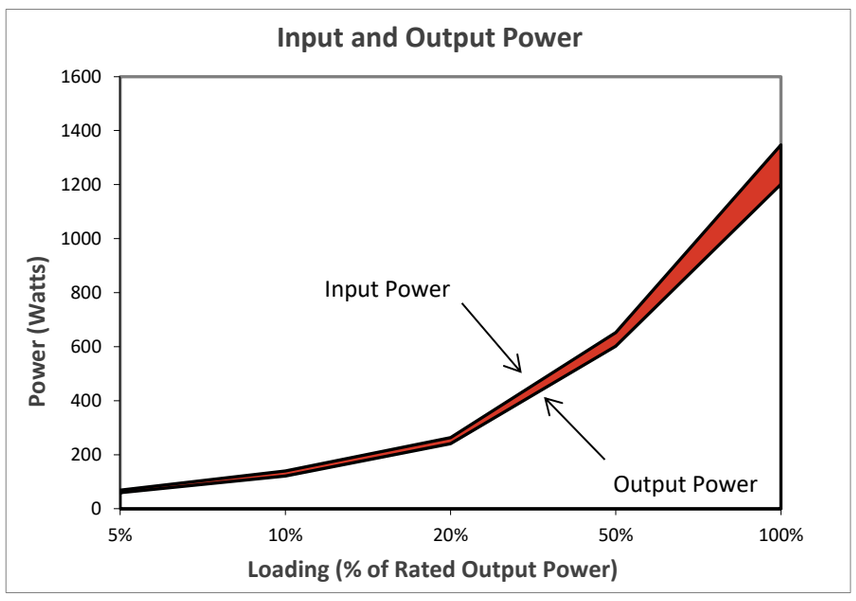
Rated Specifications	Value	Units
Input Voltage	100-240	**Volts**
Input Current	14-7	**Amps**
Input Frequency	50-60	**Hz**
Rated Output Power	1200	**Watts**

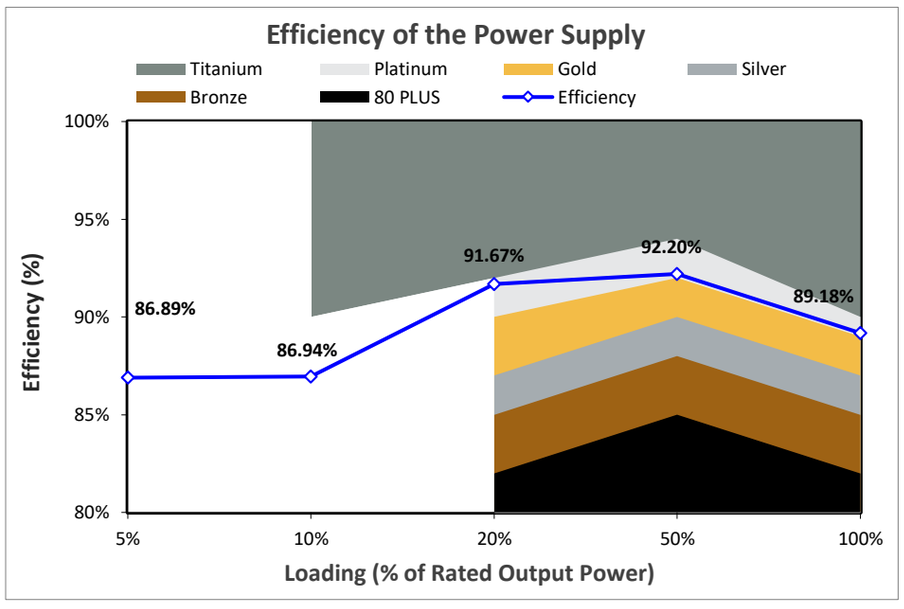
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 14.67%, 50% Load)

$I_{RMS\ (A)}$	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		
0.124	0.2029	20.79	0%	2.88	No-Load						
0.658	**0.9116**	14.74	5%	68.99	11.97/4.55	12.05/0.014	3.32/0.55	5.03/0.55	5.13/0.137	59.95	**86.89%**
1.257	**0.9610**	11.07	10%	138.95	12.07/9.11	12.08/0.027	3.33/1.1	5.03/1.1	5.12/0.273	120.80	**86.94%**
2.344	**0.9768**	13.29	20%	263.32	12.06/18.21	12.13/0.055	3.32/2.19	5.03/2.19	5.11/0.546	241.40	**91.67%**
5.778	**0.9826**	14.67	50%	652.85	12.03/45.51	12.29/0.137	3.32/5.48	5.02/5.48	5.08/1.365	601.94	**92.20%**
11.850	**0.9886**	12.49	100%	1347.41	12.01/91.01	12.55/0.273	3.3/10.97	5.01/10.97	5.03/2.729	1201.65	**89.18%**





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/*