80 PLUS Verification and Testing Report

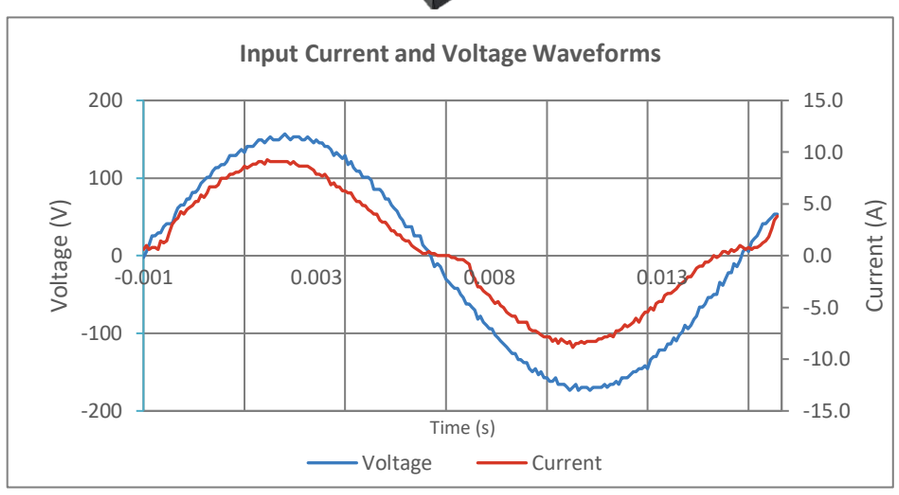
TYPICAL EFFICIENCY (50% Load):	**91.55%**
AVERAGE EFFICIENCY :	**89.32%**
80 PLUS COMPLIANT:	**Gold**



ID Number	6884.4
Manufacturer	ADATA
Model Number	COREREACTORII1200G
Serial Number	N/A
Year	2022
Type	ATX12V
Test Date	10/4/22

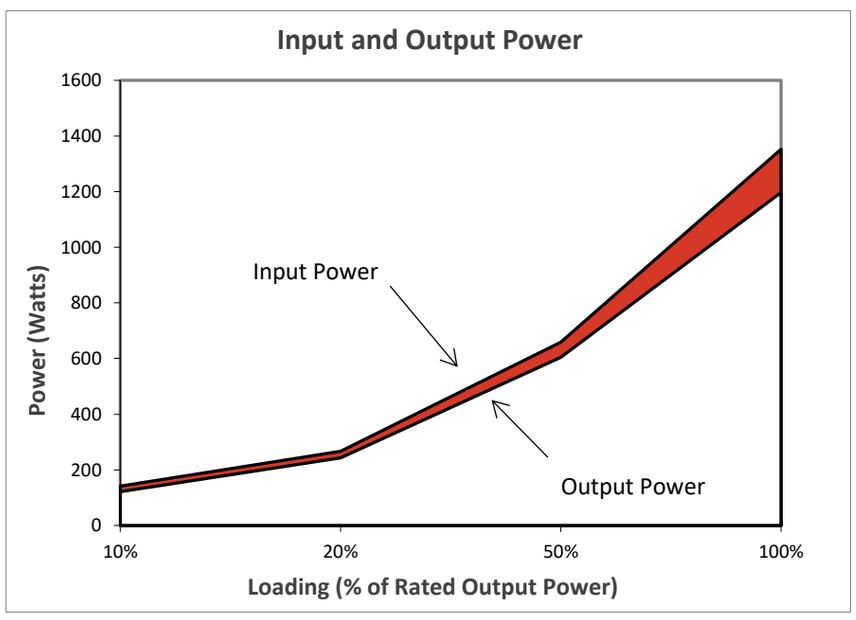
Rated Specifications	Value	Units
Input Voltage	100-240	**Volts**
Input Current	14	**Amps**
Input Frequency	50-60	**Hz**
Rated Output Power	1200	**Watts**

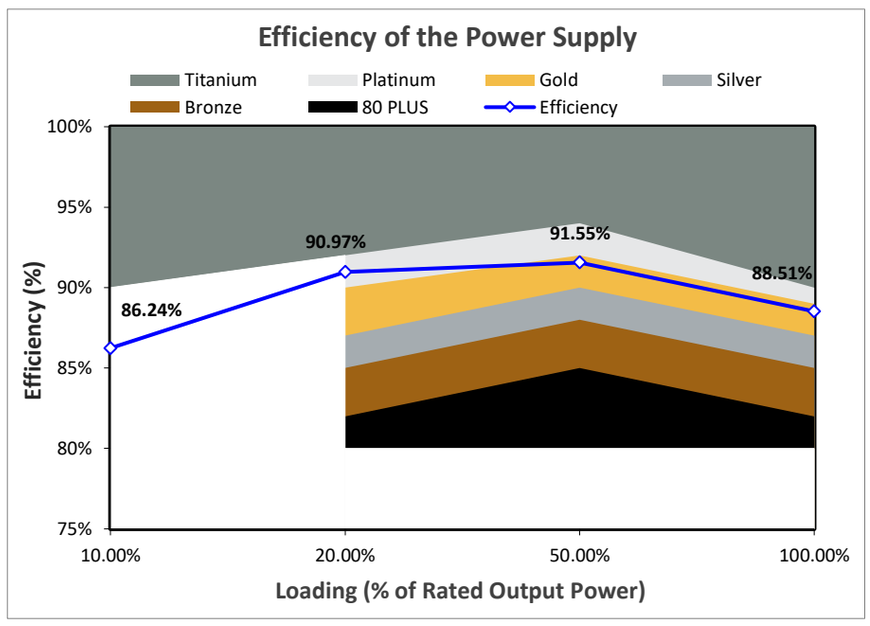
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 13.35%, 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		
1.243	0.9822	17.67%	10%	**140.40**	12.1/8.98	12.06/0.03	3.29/1.3	5.01/1.3	5/0.27	**121.08**	**86.24%**
2.342	0.9901	12.65%	20%	**266.80**	12.11/18	12.06/0.05	3.29/2.59	5.01/2.59	5/0.54	**242.71**	**90.97%**
5.805	0.9881	13.35%	50%	**659.40**	12.04/45.01	12.07/0.13	3.29/6.48	5.01/6.42	4.99/1.34	**603.70**	**91.55%**
11.821	0.9943	9.25%	100%	**1352.00**	11.99/89.53	12.08/0.27	3.28/12.97	5.01/12.82	4.96/2.69	**1196.67**	**88.51%**





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/*