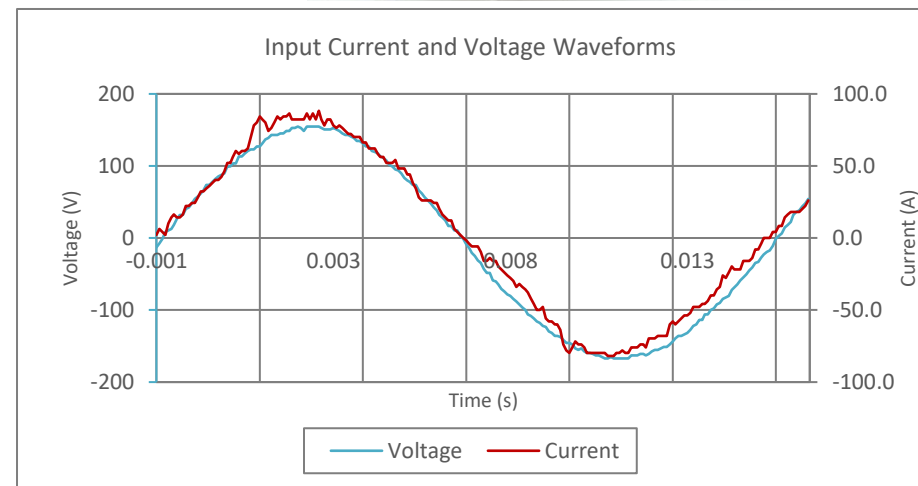


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	94.28%
AVERAGE EFFICIENCY :	93.24%
80 PLUS COMPLIANT:	YES



ID Number	5873
Manufacturer	be quiet!
Model Number	P12-PRO-1200W
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	1/22/20

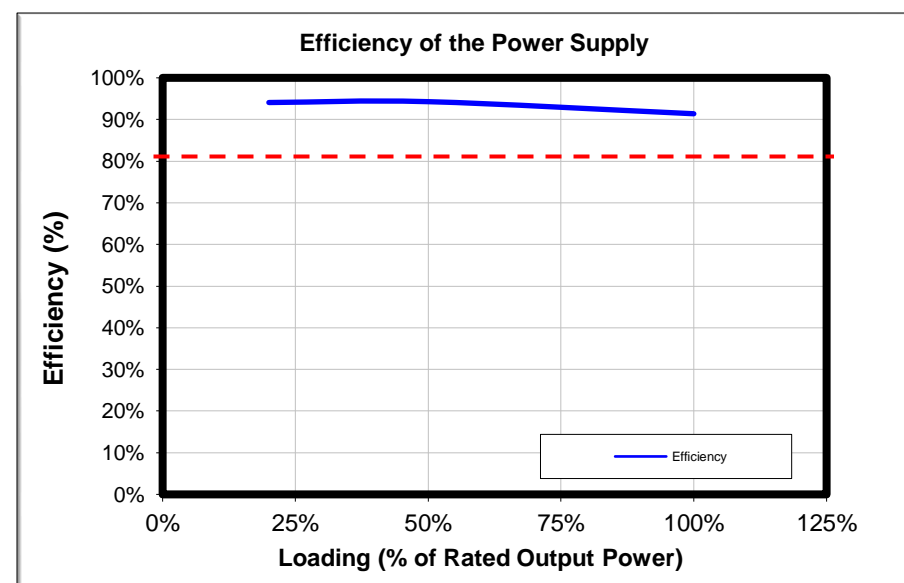
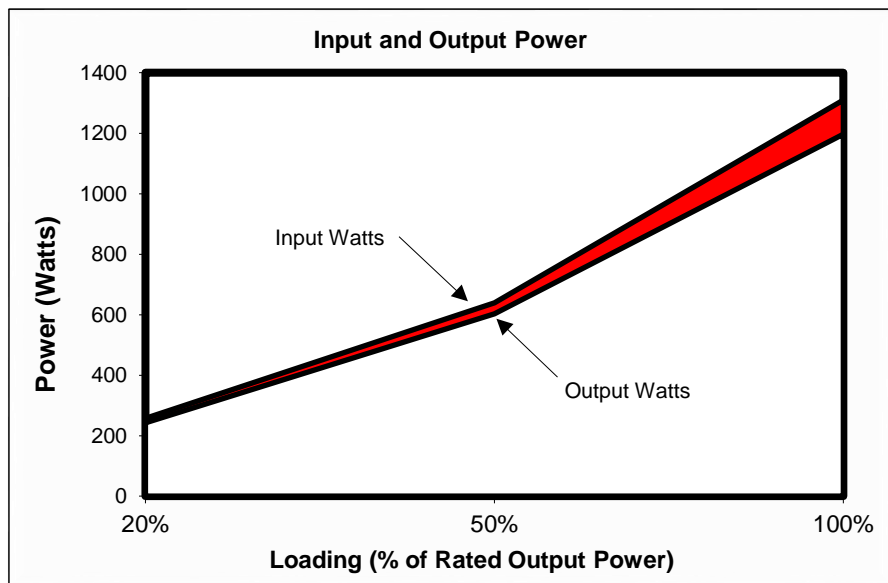


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	16-8	Amps
Input Frequency	50-60	Hz
Rated Output Power	1200	Watts

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

Input AC Current Waveform (ITHD = 7.55%, 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		
1.27	0.91	12.77%	10%	132.12	12.04/8.76	12.25/0.04	3.33/1.58	5.07/1.58	5.06/0.31	120.81	91.44%
2.27	0.98	9.58%	20%	256.80	12.03/17.55	12.27/0.09	3.32/3.14	5.07/3.13	5.06/0.61	241.58	94.07%
5.59	0.99	7.55%	50%	638.70	12.01/43.86	12.3/0.22	3.31/7.89	5.07/7.82	5.02/1.53	602.14	94.28%
11.47	0.99	4.36%	100%	1309.40	11.96/87.62	12.31/0.44	3.27/15.81	5.04/15.63	4.96/3.06	1196.49	91.38%



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/>

