

80 PLUS Verification and Testing Report

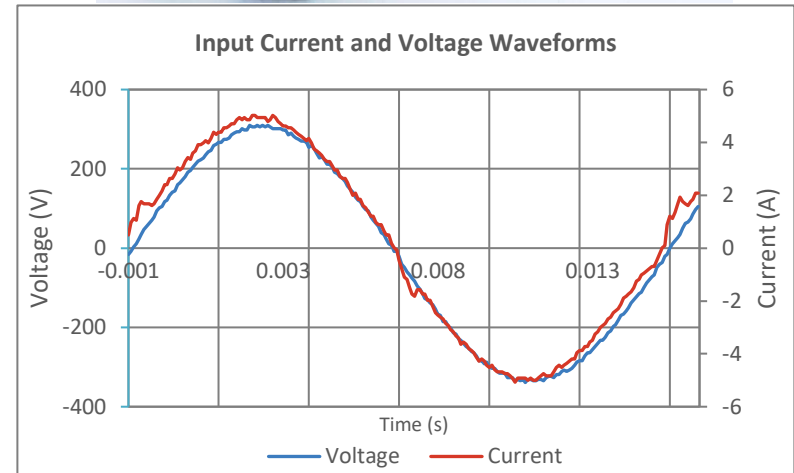
TYPICAL EFFICIENCY (50% Load):	94.57%
AVERAGE EFFICIENCY :	93.68%
80 PLUS COMPLIANT:	Platinum



ID Number	SO-2015
Manufacturer	xFusion Digital Technologies Co., Ltd.
Model Number	PAC1500S12-B1
Serial Number	N/A
Year	2022
Type	1U
Test Date	04/12/22

Rated Specifications	Value	Units
Input Voltage	100-127/200-240	Volts
Input Current	10/10	Amps
Input Frequency	50/60	Hz
Rated Output Power	1,500	Watts

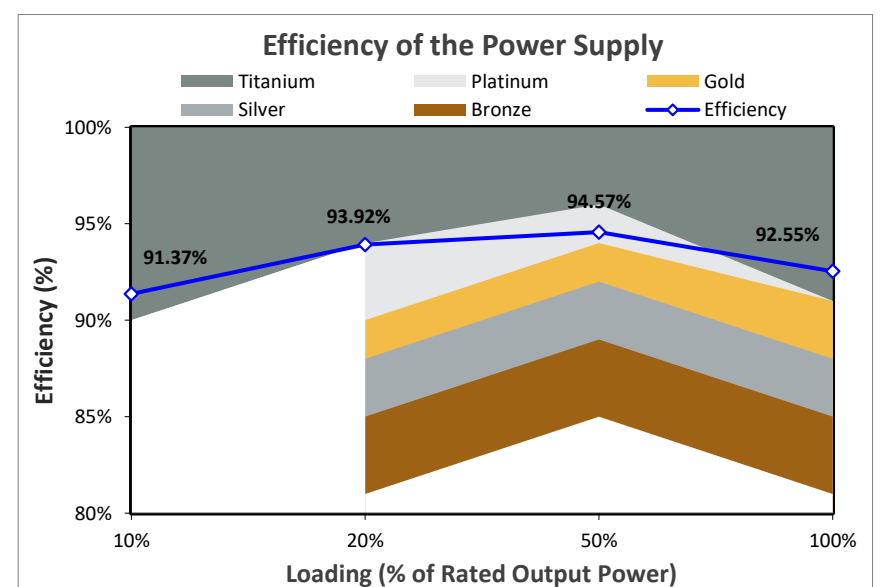
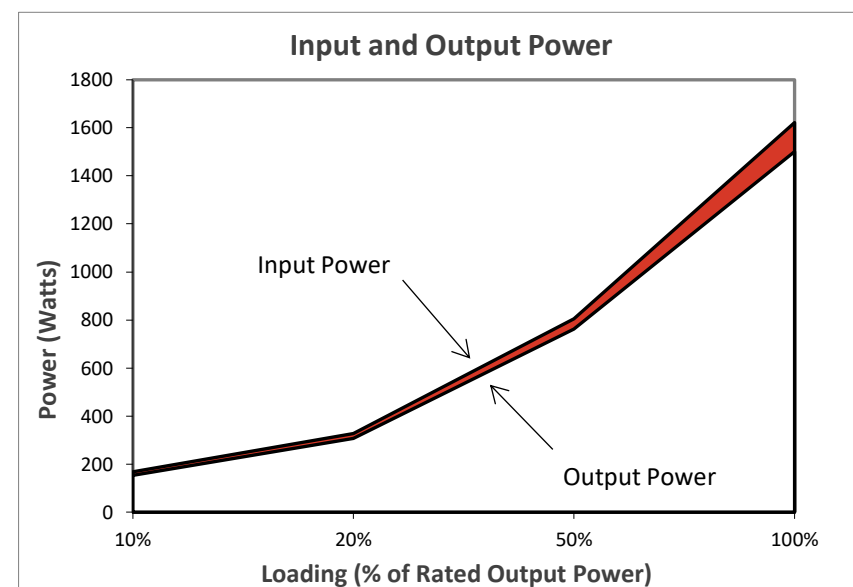
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 3.984%, 50% Load)

I _{RMS}	PF	I _{THD}	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)	Output Watts	Efficiency
							12V		
0.779	0.9402	14.01%	10%	Low	168.54	0.96	12.28/12.54	153.99	91.37%
1.447	0.9832	9.40%	20%	Light	327.14	0.96	12.25/25.09	307.24	93.92%
3.511	0.9974	3.98%	50%	Typical	805.44	1.92	12.15/62.69	761.69	94.57%
7.062	0.9987	3.35%	100%	Full	1621.89	8.16	11.97/125.38	1501.01	92.55%

* Fan power is not included in the efficiency calculations



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/>