

80 PLUS Verification and Testing Report

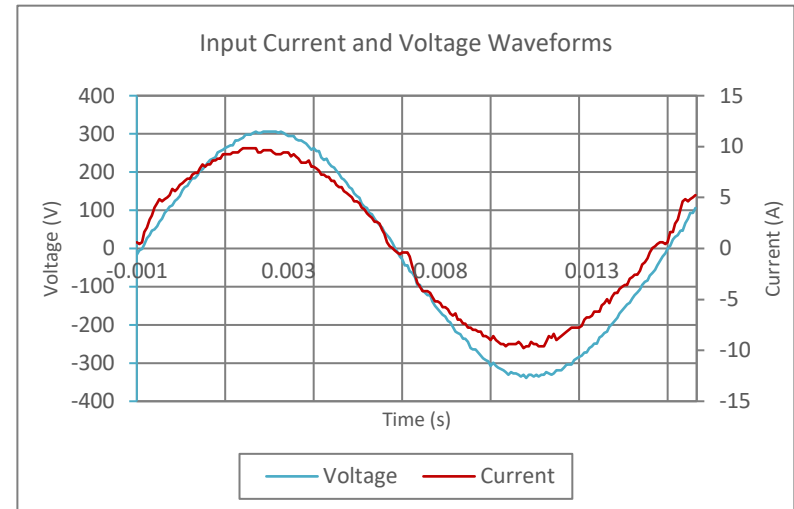
TYPICAL EFFICIENCY (50% Load):	96.27%
AVERAGE EFFICIENCY :	95.22%
80 PLUS COMPLIANT:	YES



ID Number	SO-1498
Manufacturer	Huawei Technologies Co., Ltd
Model Number	PAC3000S12-1
Serial Number	2102312ETJ10JC00029
Year	2019
Type	1U
Test Date	01/17/19

Rated Specifications	Value	Units
Input Voltage	100-130/200-220/220-240	Volts
Input Current	16	Amps
Input Frequency	50/60	Hz
Rated Output Power	3,000	Watts

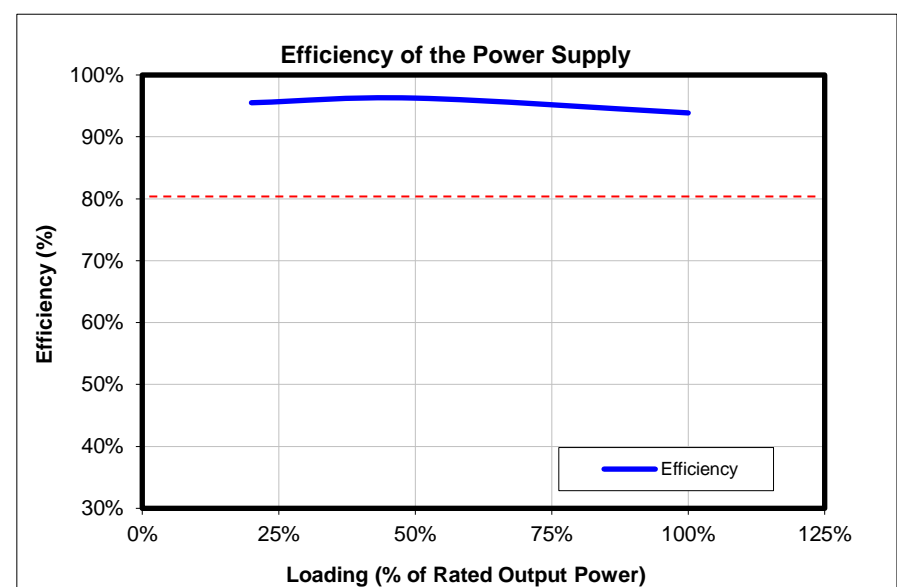
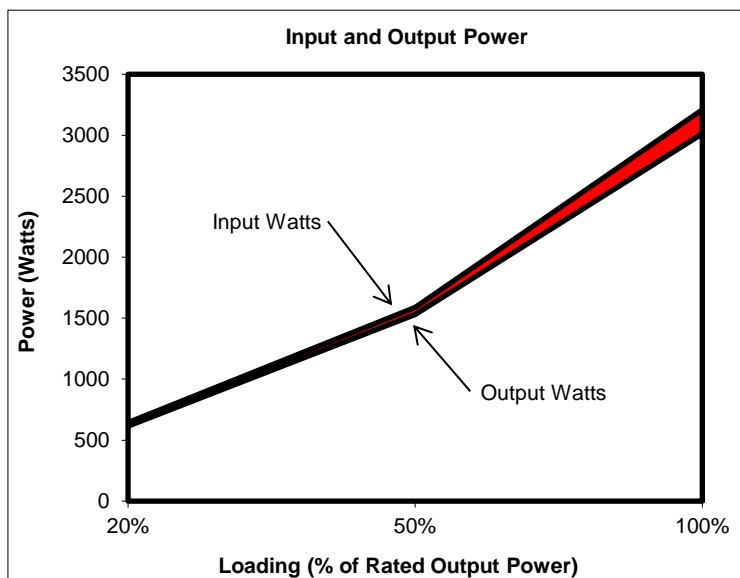
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 4.95%, 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		
1.48	0.97	11.68%	10%	Low	329	1.08	12.28/25.06	308	93.47%
2.86	0.98	12.51%	20%	Light	643	1.20	12.26/50.11	614	95.51%
6.94	1.00	4.95%	50%	Typical	1589	7.44	12.21/125.29	1530	96.27%
13.97	1.00	3.19%	100%	Full	3209	25.44	12.02/250.51	3012	93.87%

* 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/>

