

80 PLUS Verification and Testing Report

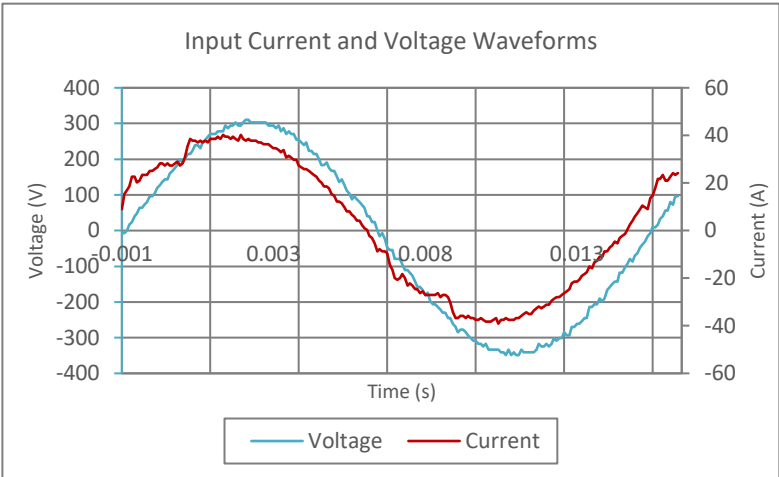
TYPICAL EFFICIENCY (50% Load):	94.31%
AVERAGE EFFICIENCY :	93.23%
80 PLUS COMPLIANT:	YES



ID Number	SO-1740
Manufacturer	Huawei Technologies Co., Ltd.
Model Number	PAC1K2S12-CF
Serial Number	N/A
Year	2020
Type	EPS12V
Test Date	07/14/20

Rated Specifications	Value	Units
Input Voltage	100-130/200-240	Volts
Input Current	10/8	Amps
Input Frequency	50/60	Hz
Rated Output Power	1,200	Watts

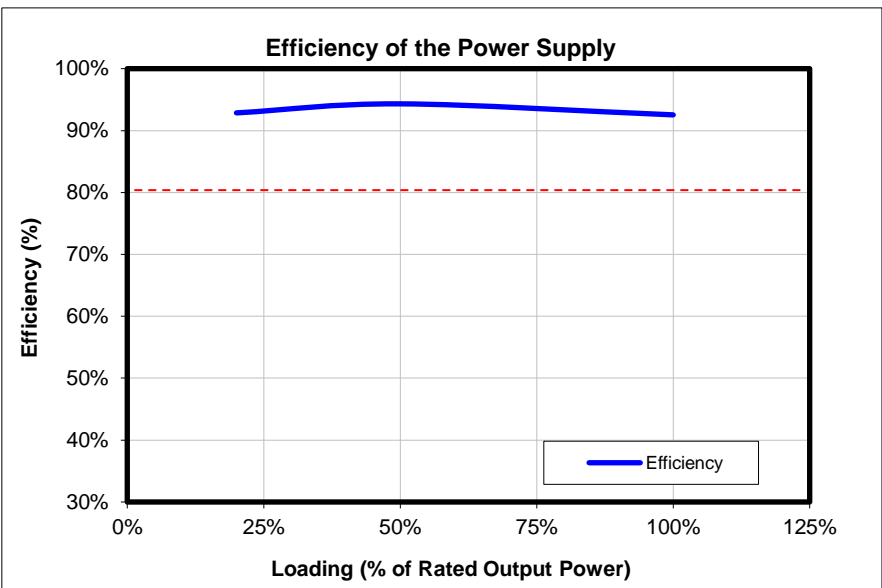
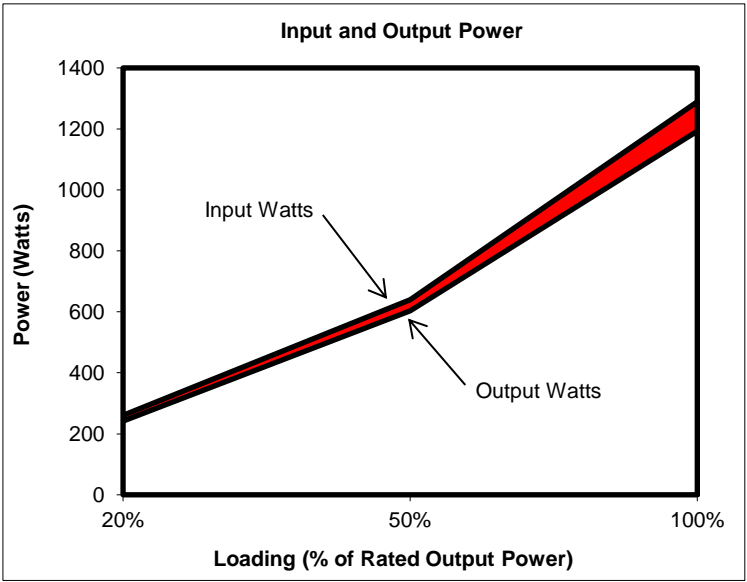
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 5.83%, 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		
0.68	0.87	13.01%	10%	Low	136	0.84	12.1/10.02	121	89.51%
1.19	0.95	8.94%	20%	Light	261	1.08	12.08/20.05	242	92.85%
2.81	0.99	5.83%	50%	Typical	639	2.52	12.03/50.12	603	94.31%
5.62	1.00	4.17%	100%	Full	1289	11.76	11.9/100.23	1193	92.53%

* 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/>

