

80 PLUS Verification and Testing Report

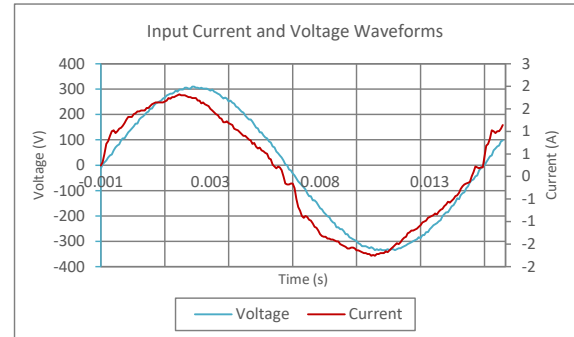
TYPICAL EFFICIENCY (50% Load):	89.69%
AVERAGE EFFICIENCY :	88.49%
80 PLUS COMPLIANT:	YES



ID Number	SO-1436
Manufacturer	Huawei Technologies Co., Ltd
Model Number	PAC-500WA-BE
Serial Number	2102311BXVHVH2040079
Year	2018
Type	1U
Test Date	08/21/18

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	7-3.5	Amps
Input Frequency	50/60	Hz
Rated Output Power	500	Watts

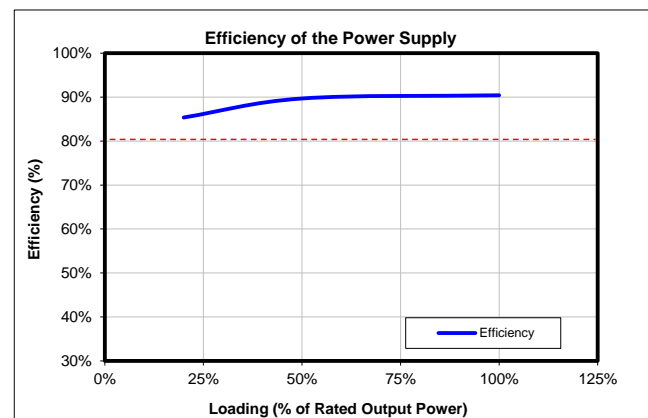
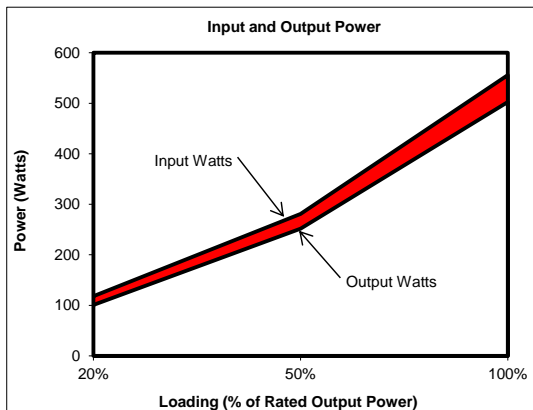
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 8.51%, 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
							-53.5V	12Vsb		
0.36	0.77	17.32%	10%	Low	64	0.48	53.59/0.71	12.25/0.99	50	79.05%
0.57	0.90	14.87%	20%	Light	118	0.48	53.55/1.43	12.25/1.99	101	85.37%
1.25	0.97	8.51%	50%	Typical	281	0.60	53.49/3.57	12.25/4.97	252	89.69%
2.46	0.98	12.35%	100%	Full	556	1.44	53.47/7.14	12.12/9.95	502	90.42%

* 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/>

