

80 PLUS Verification and Testing Report

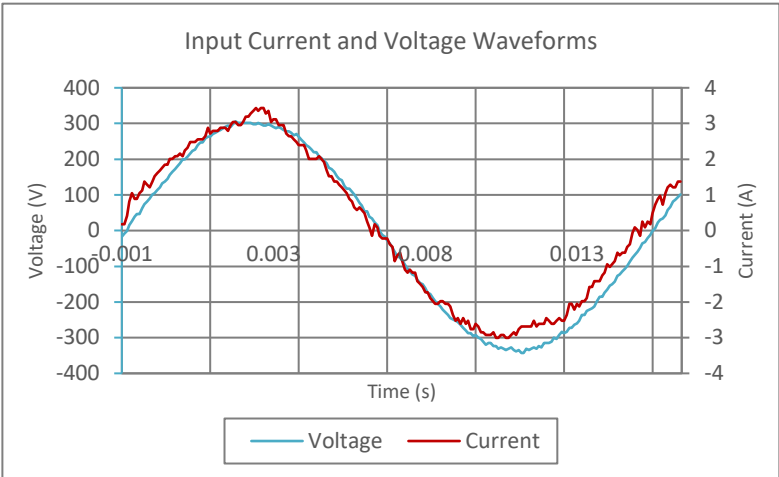
TYPICAL EFFICIENCY (50% Load):	94.55%
AVERAGE EFFICIENCY :	93.61%
80 PLUS COMPLIANT:	YES



ID Number	SO-1820.1
Manufacturer	HUNTKEY ELECTRIC CO.,LTD.
Model Number	PAC900S12-BW
Serial Number	N/A
Year	2020
Type	3U
Test Date	01/12/21

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	11-5.5	Amps
Input Frequency	50/60	Hz
Rated Output Power	900	Watts

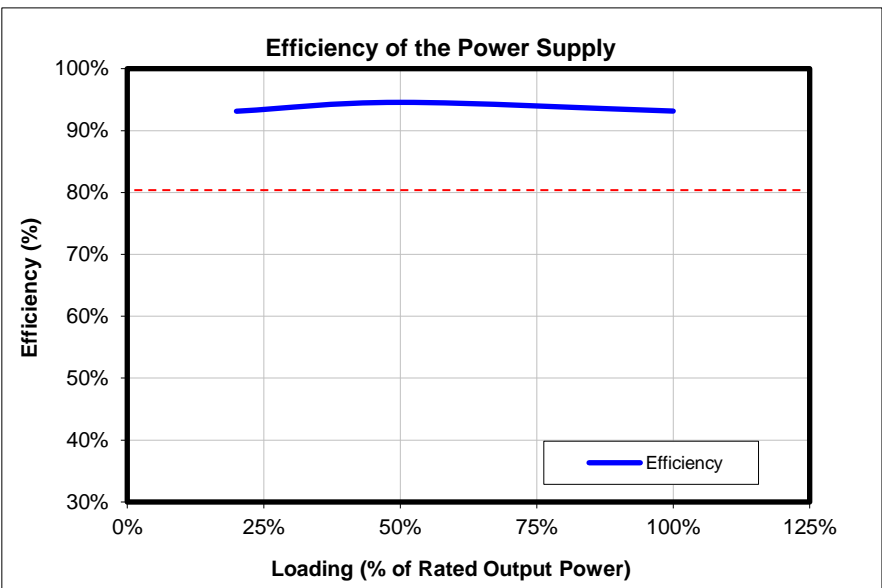
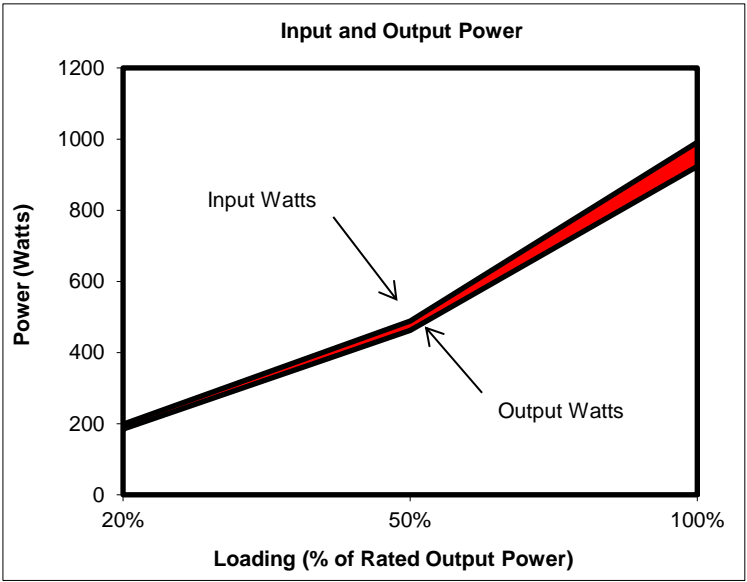
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 3.69%, 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		
0.47	0.95	15.15%	10%	Low	103	0.96	12.28/7.51	92	89.76%
0.88	0.98	6.93%	20%	Light	198	1.44	12.28/15.04	185	93.12%
2.14	0.99	3.69%	50%	Typical	488	0.72	12.28/37.6	462	94.55%
4.35	0.99	4.31%	100%	Full	991	5.28	12.28/75.18	923	93.15%

* 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/>