

80 PLUS Verification and Testing Report

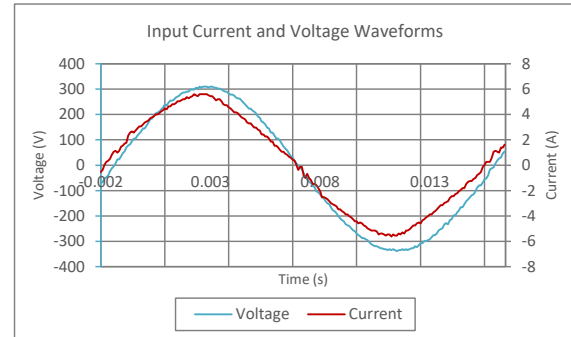
TYPICAL EFFICIENCY (50% Load):	95.31%
AVERAGE EFFICIENCY :	93.93%
80 PLUS COMPLIANT:	YES



ID Number	SO-1280.1
Manufacturer	FSP Technology Inc.
Model Number	PSR1600-12A
Serial Number	WS 6 52 10 00068
Year	2017
Type	OTHER
Test Date	06/02/17

Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	9.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	1,600	Watts

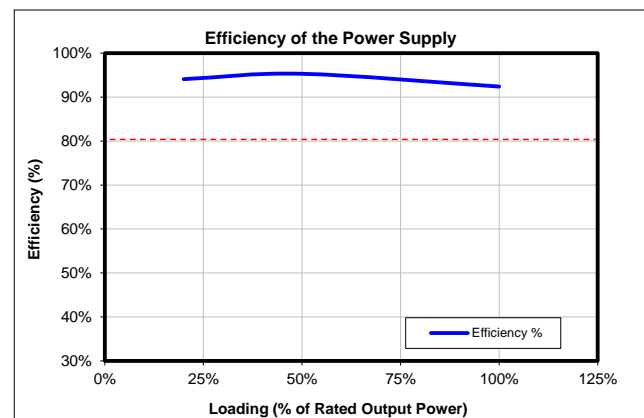
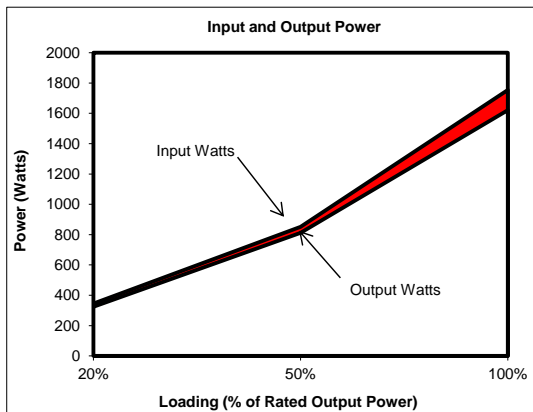
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 4.25%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency %
							12V	12Vsb		
0.89	0.89	12.73	10%	Low	182	15.24	12.15/13.06	12.15/0.3	162	89.21%
1.57	0.96	8.48	20%	Light	345	15.24	12.15/26.12	12.15/0.6	325	94.09%
3.72	0.99	4.25	50%	Typical	851	15.12	12.14/65.3	12.15/1.51	811	95.31%
7.64	1.00	3.40	100%	Full	1754	14.88	12.13/130.6	12.14/3.02	1621	92.40%

* 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/>

