

80 PLUS Verification and Testing Report

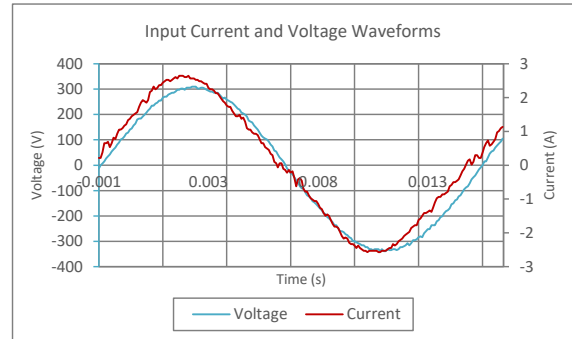
TYPICAL EFFICIENCY (50% Load):	92.51%
AVERAGE EFFICIENCY :	91.52%
80 PLUS COMPLIANT:	YES



ID Number	SO-1774
Manufacturer	FSP Technology Inc
Model Number	FSP720-20RAB
Serial Number	Ss835100104
Year	2020
Type	OTHER, PS2 Redundant
Test Date	10/14/20

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	60-50	Hz
Rated Output Power	720	Watts

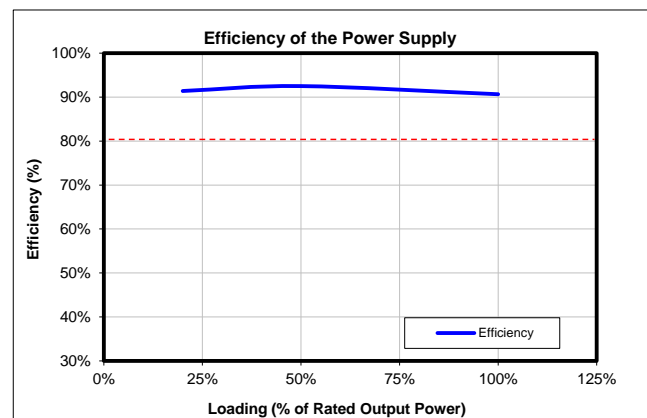
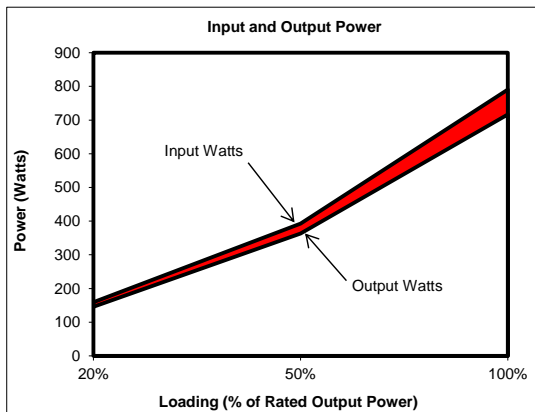
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 7.99%, 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	5Vsb		
0.42	0.85	27.01%	10%	Low	82	10.80	12.1/5.89	5.19/0.3	73	88.44%
0.75	0.93	19.09%	20%	Light	159	10.68	12.09/11.78	5.16/0.59	146	91.39%
1.74	0.98	7.99%	50%	Typical	393	10.68	12.07/29.46	5.11/1.48	363	92.51%
3.47	0.99	6.31%	100%	Full	791	10.68	11.91/58.91	5.03/2.96	717	90.65%

* 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/>

