

# 80 PLUS Verification and Testing Report

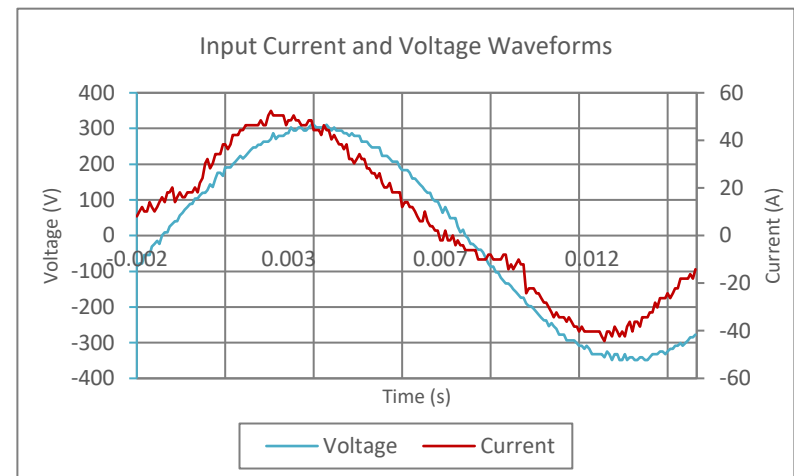
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>93.11%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>92.34%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	EU-513
<b>Manufacturer</b>	Sktelesys
<b>Model Number</b>	SPL-12422
<b>Serial Number</b>	N/A
<b>Year</b>	2019
<b>Type</b>	OTHER, CUSTOM
<b>Test Date</b>	04/12/19

Rated Specifications	Value	Units
Input Voltage	220	Volts
Input Current	N/A	Amps
Input Frequency	50	Hz
Rated Output Power	1,200	Watts

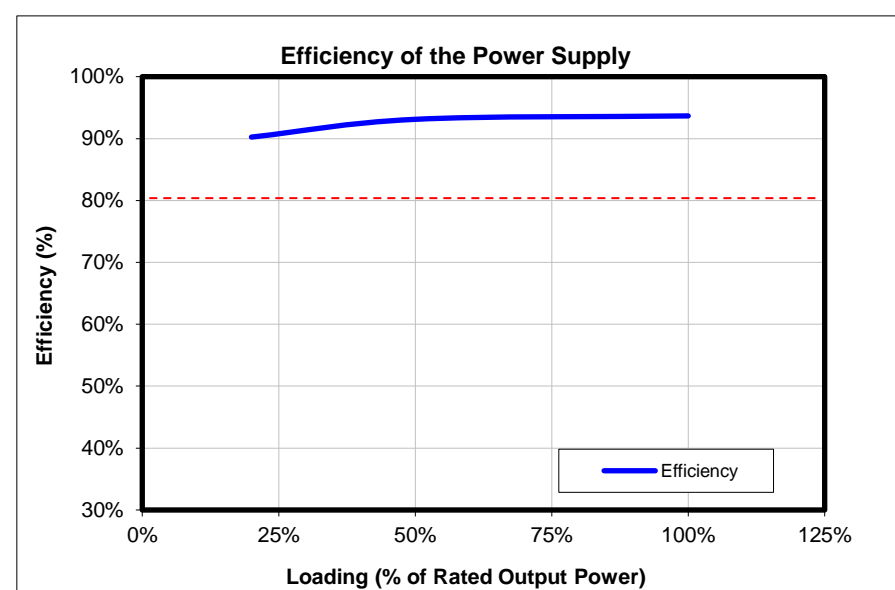
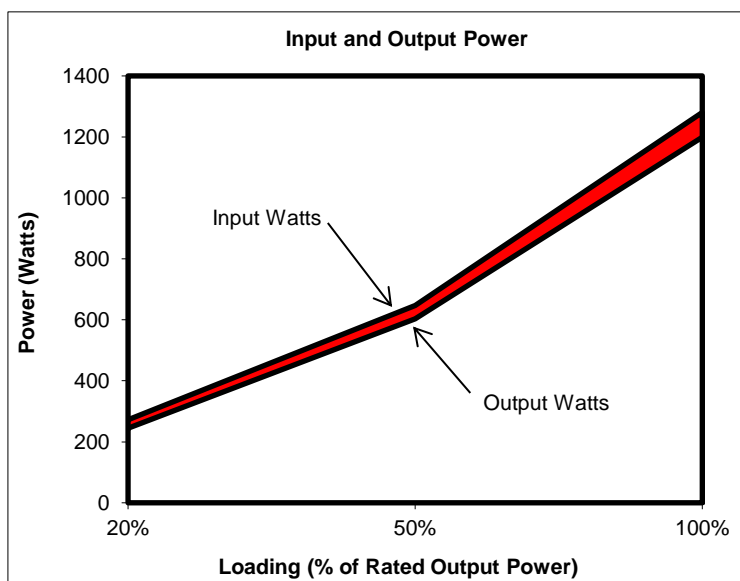
Note: All measurements were taken with input voltage at 230 V nominal and 50 Hz.



Input AC Current Waveform (ITHD = 17.6%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)	Output Watts	Efficiency
							53.3V		
0.86	0.73	47.34%	10%	Low	145	0.00	53.57/2.26	121	83.37%
1.39	0.85	34.85%	20%	Light	272	0.00	53.53/4.58	245	90.24%
2.96	0.95	17.60%	50%	Typical	647	0.00	53.42/11.28	603	93.11%
5.68	0.98	14.98%	100%	Full	1280	0.00	53.13/22.57	1199	93.66%

\* 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/>

