

80 PLUS Verification and Testing Report

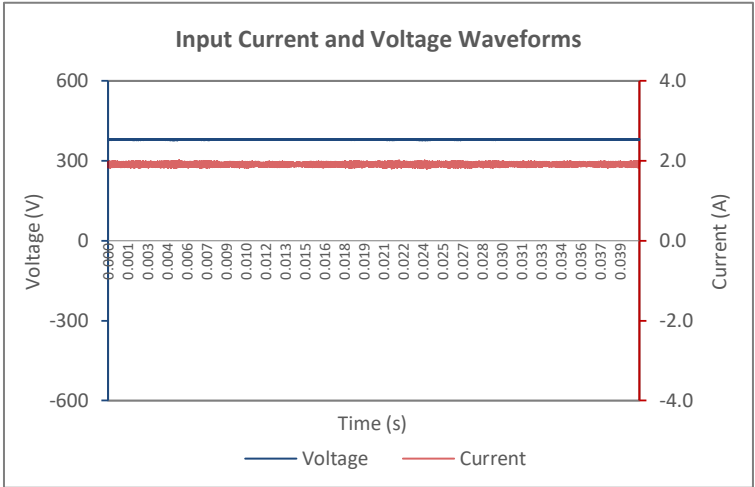
TYPICAL EFFICIENCY (50% Load):	96.54%
AVERAGE EFFICIENCY :	94.84%
80 PLUS COMPLIANT:	Titanium



ID Number	380VDC-31
Manufacturer	Dell
Model Number	L1400E-S1
Serial Number	PS-2142-12DK REV X30-00
Year	2023
Type	1U
Test Date	07/29/23

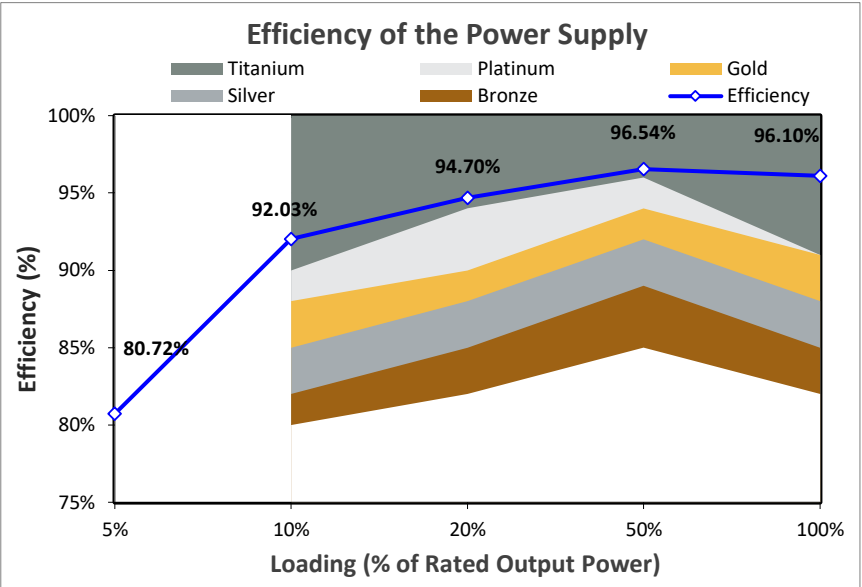
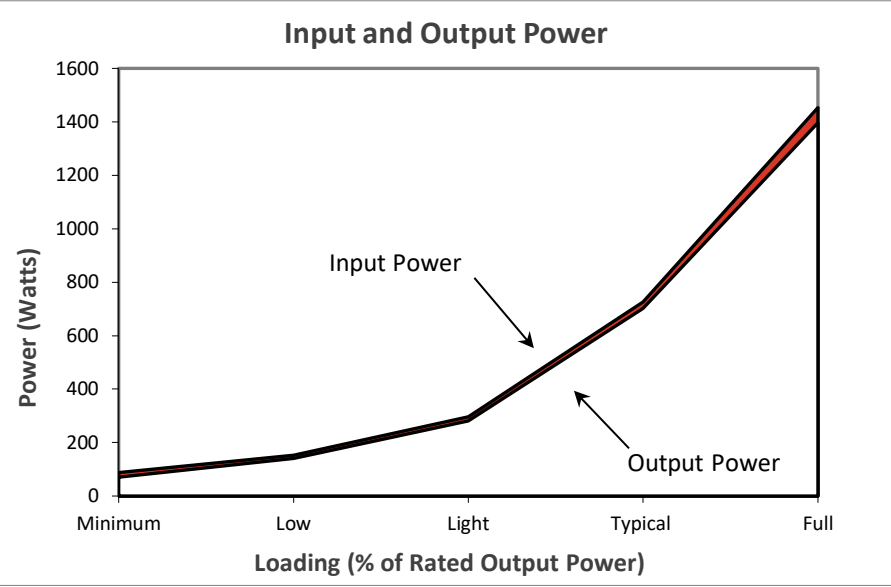
Rated Specifications	Value	Units
Input Voltage	336	Volts
Input Current	5.17	Amps
Input Frequency	0	Hz
Rated Output Power	1,400	Watts

Note: All measurements were taken with input voltage at 380 Vdc nominal and 0 Hz.



I _{RMS}	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency
					12.2V	12Vsb		
0.011	0%	No-Load	4.04	24.58	No-Load			
0.230	5%	Minimum	87.36	24.57	12.26/5.65	12.11/0.1	70.51	80.72%
0.402	10%	Low	152.78	24.55	12.26/11.28	12.1/0.2	140.61	92.03%
0.781	20%	Light	296.75	24.54	12.25/22.56	12.07/0.39	281.01	94.70%
1.911	50%	Typical	726.22	24.56	12.22/56.41	12/0.98	701.10	96.54%
3.824	100%	Full	1453.19	24.51	12.17/112.82	11.89/1.97	1396.46	96.10%

* 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/>