

80 PLUS Verification and Testing Report

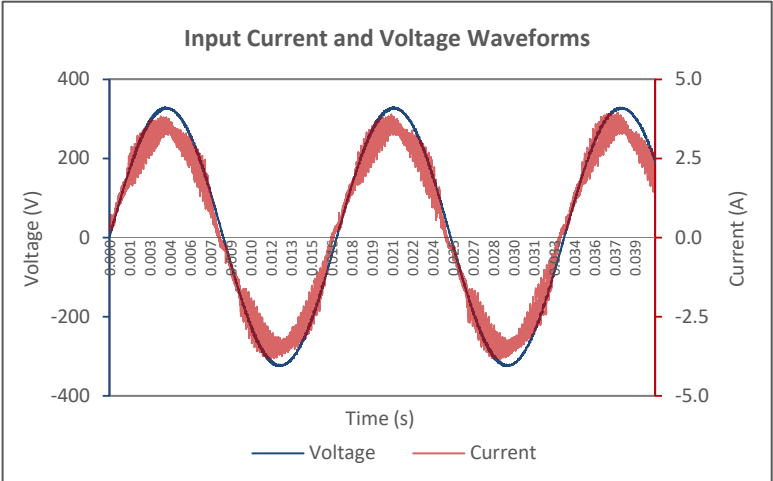
TYPICAL EFFICIENCY (50% Load):	96.21%
AVERAGE EFFICIENCY :	90.37%
80 PLUS COMPLIANT:	Titanium



ID Number	SO-2528
Manufacturer	Dell
Model Number	D1100E-S8
Serial Number	CN-049FWD-DE00-46R-00BD-X20
Type	CUSTOM
Test Date	09/10/24

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12.0-6.1	Amps
Input Frequency	50/60	Hz
Rated Output Power	1,100	Watts

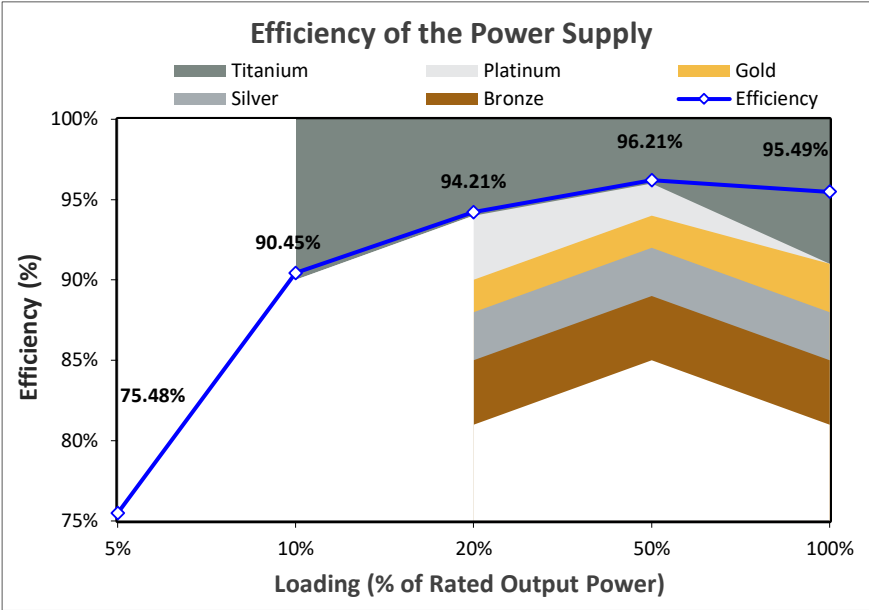
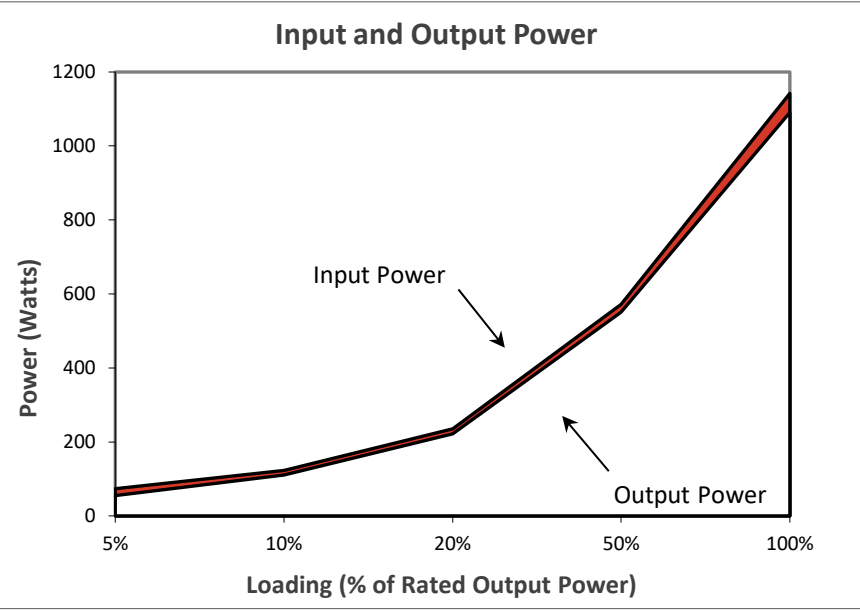
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 3.3%, 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
							12.2V	12Vsb		
0.207	0.0651	3.110	0%	No-Load	3.10	30.20	No-Load			
0.390	0.8159	10.409	5%	Minimum	73.25	30.19	12.31/4.35	12.29/0.14	55.29	75.48%
0.580	0.9198	7.926	10%	Low	122.79	29.89	12.3/8.74	12.28/0.29	111.06	90.45%
1.049	0.9730	6.294	20%	Light	234.76	29.87	12.28/17.44	12.25/0.58	221.17	94.21%
2.503	0.9933	3.304	50%	Typical	571.82	30.28	12.2/43.64	12.16/1.45	550.14	96.21%
4.980	0.9969	2.835	100%	Full	1142.15	29.91	12.09/87.32	12.09/2.91	1090.63	95.49%

* Fan power is not included in the efficiency calculations, external fan voltage applied = 13.82Vdc



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/>