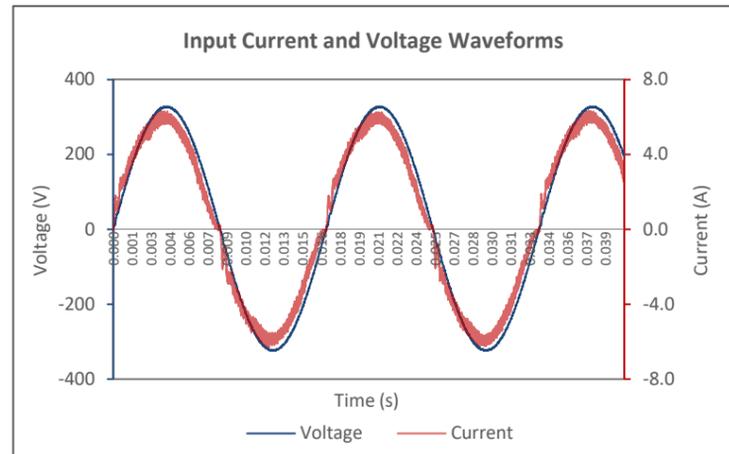


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	96.35%
AVERAGE EFFICIENCY :	92.97%
80 PLUS COMPLIANT:	Titanium



ID Number	SO-2560
Manufacturer	Bel Power Solutions
Model Number	TEC1800-12-074NA
Serial Number	TEC1800NA241000007
Type	1U
Test Date	10/31/24



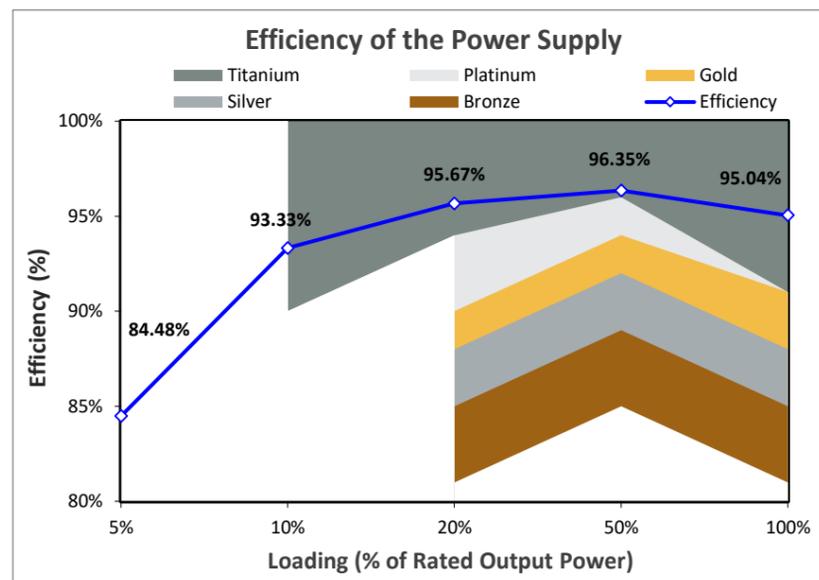
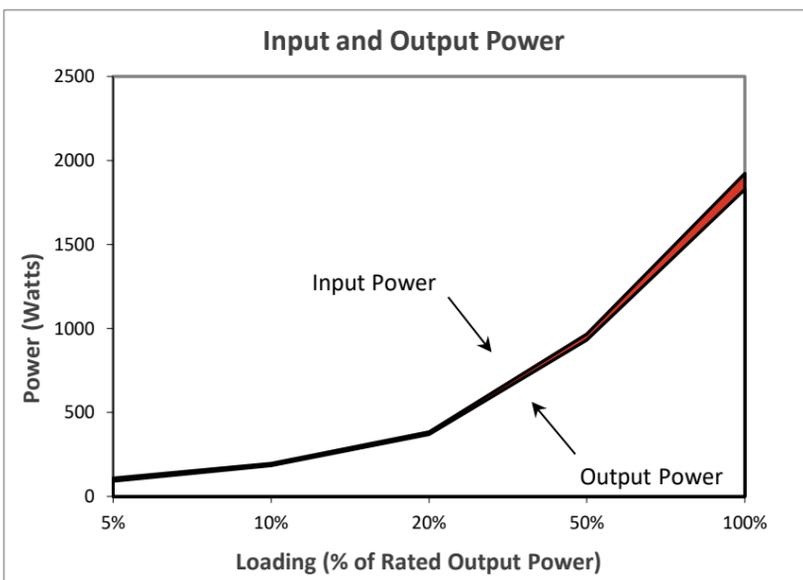
Input AC Current Waveform (ITHD = 4.14%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-127/200-240	Volts
Input Current	13/10	Amps
Input Frequency	50-60	Hz
Rated Output Power	1,800	Watts

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

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
							12.2V	12.2Vsb		
0.225	0.0447	7.728	0%	No-Load	2.31	0.45	No-Load			
0.538	<b>0.8810</b>	15.750	5%	Minimum	109.12	0.56	12.5/7.23	12.46/0.15	92.19	84.48%
0.899	<b>0.9550</b>	10.043	10%	Low	197.53	0.67	12.49/14.46	12.45/0.29	184.35	93.33%
1.704	<b>0.9826</b>	5.735	20%	Light	385.25	0.98	12.48/28.94	12.42/0.59	368.57	95.67%
4.235	<b>0.9917</b>	4.140	50%	Typical	965.77	1.74	12.45/73.32	12.29/1.47	930.52	96.35%
8.385	<b>0.9972</b>	3.110	100%	Full	1923.14	11.37	12.39/144.62	12.07/2.93	1827.84	95.04%

\* Fan power is not included in the efficiency calculations, external fan voltage applied = 12Vdc



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/>