

80 PLUS Verification and Testing Report

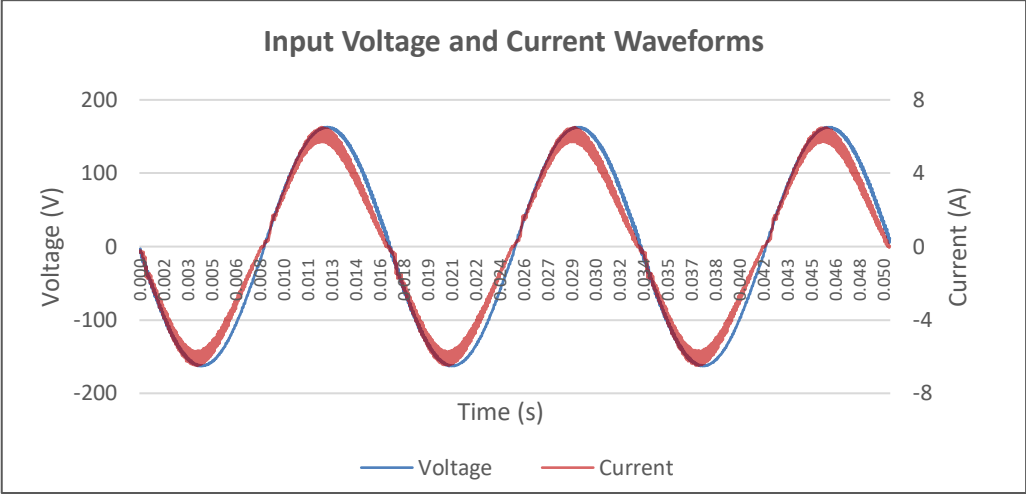
TYPICAL EFFICIENCY (50% Load):	92.41%
AVERAGE EFFICIENCY :	89.33%
80 PLUS COMPLIANT:	Platinum



ID Number	7361
Manufacturer	Lian Li Industrial Co., Ltd.
Model Number	EDGE0850
Serial Number	N/A
Type	ATX12V
Test Date	4/9/24

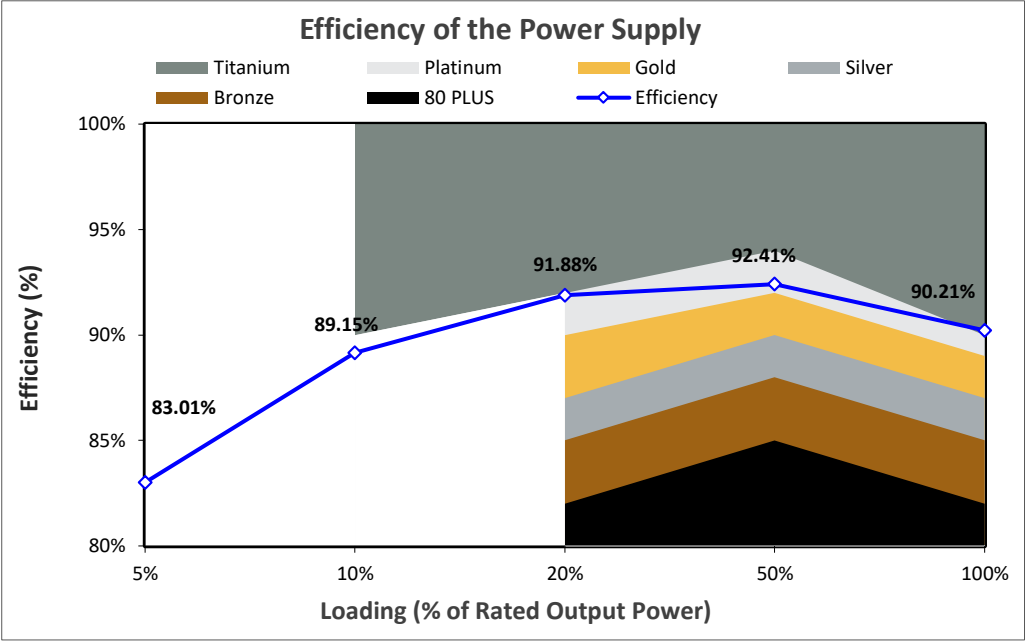
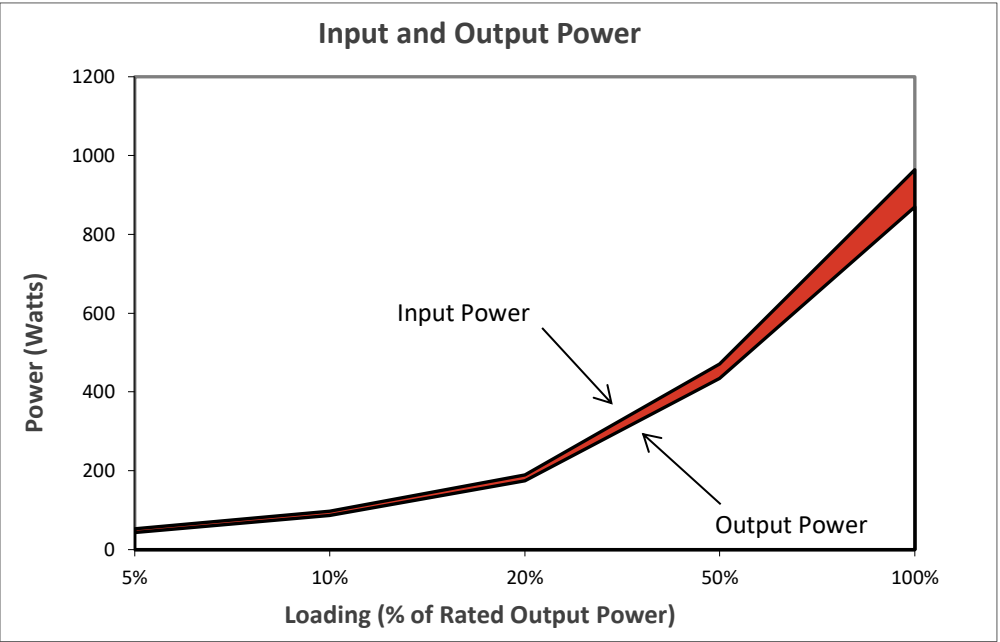
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 5.98%, 50% Load)

I _{RMS} (A)	PF	I _{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vstb		
0.094	0.6397	27.68	0%	6.91	No-Load						
0.483	0.9437	22.08	5%	52.41	12.3/3.05	12.08/0.013	3.37/0.62	5.05/0.62	5.05/0.129	43.50	83.01%
0.878	0.9662	18.48	10%	97.58	12.29/6.09	12.11/0.026	3.37/1.24	5.04/1.24	5.04/0.258	86.99	89.15%
1.680	0.9799	14.20	20%	189.41	12.3/12.18	12.15/0.052	3.37/2.49	5.05/2.49	5.05/0.516	174.02	91.88%
4.117	0.9939	5.98	50%	470.74	12.3/30.45	12.28/0.129	3.36/6.22	5.05/6.22	5.05/1.29	435.01	92.41%
8.410	0.9966	4.79	100%	964.15	12.3/60.9	12.49/0.258	3.35/12.44	5.05/12.44	5.05/2.579	869.73	90.21%



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/>