

80 PLUS Verification and Testing Report

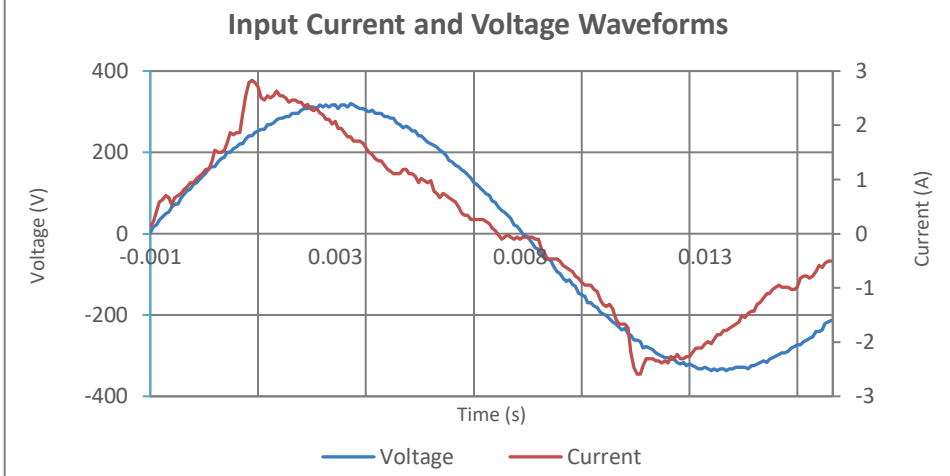
TYPICAL EFFICIENCY (50% Load):	88.61%
AVERAGE EFFICIENCY :	85.74%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-935
Manufacturer	Dongguan Golden Field Industrial Co., Ltd(DG)
Model Number	EPS550ELU(85+)
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	1/17/23

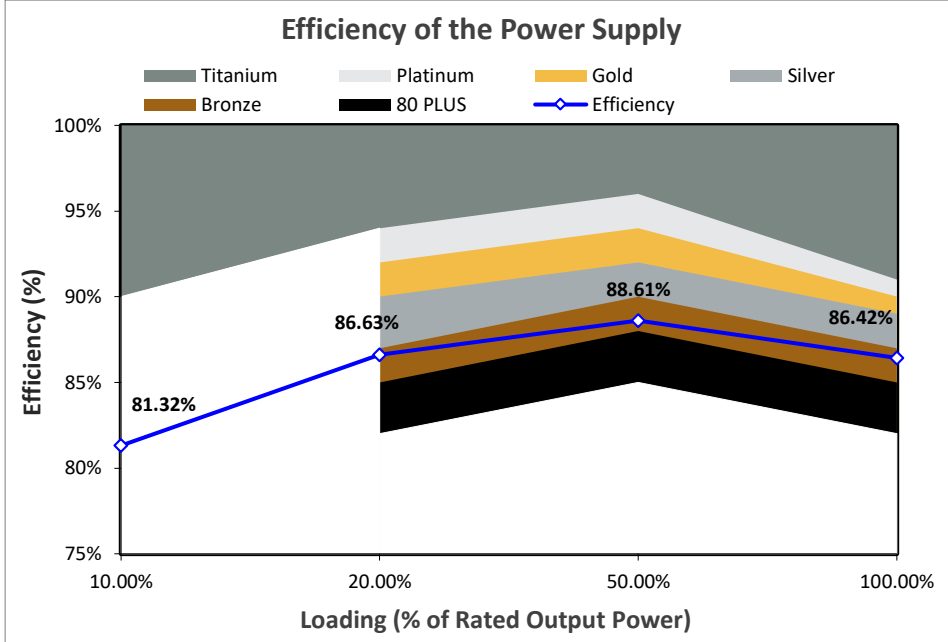
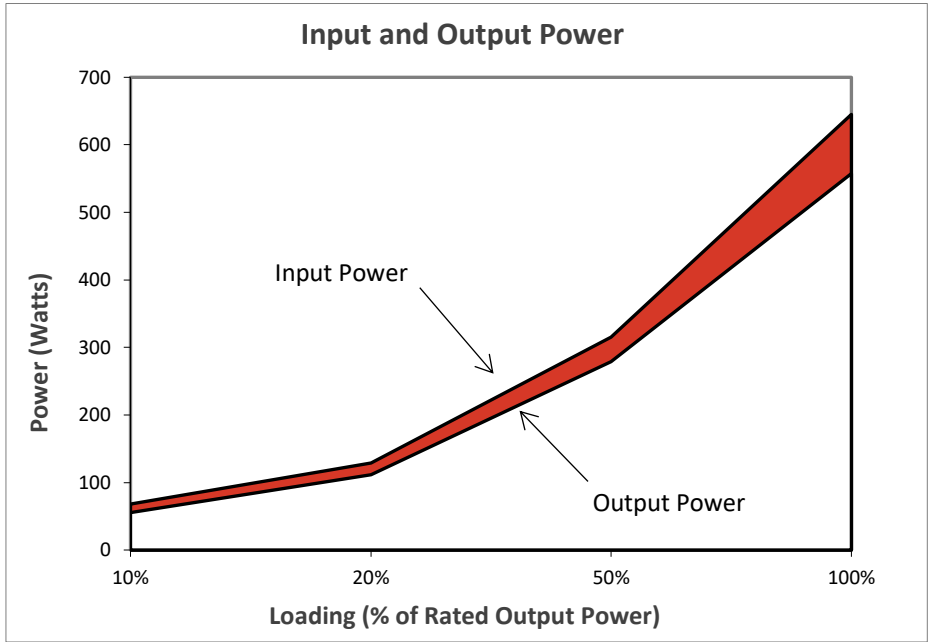
Rated Specifications	Value	Units
Input Voltage	220	Volts
Input Current	10	Amps
Input Frequency	50	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (ITHD = 22.46%, 50% Load)

I _{RMS}	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		
0.359	0.8254	30.63%	10%	68.21	12.07/3.74	11.81/0.04	3.39/1.03	5.18/1.03	5.05/0.21	55.47	81.32%
0.624	0.8975	24.72%	20%	128.86	12.1/7.51	11.84/0.09	3.39/2.06	5.17/2.06	5.04/0.42	111.63	86.63%
1.456	0.9402	22.46%	50%	314.90	12.12/18.79	11.9/0.21	3.37/5.16	5.14/5.11	5.02/1.04	279.02	88.61%
2.910	0.9637	16.13%	100%	645.10	12.13/37.56	12.05/0.42	3.33/10.33	5.08/10.22	4.99/2.08	557.51	86.42%



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/>