

80 PLUS Verification and Testing Report

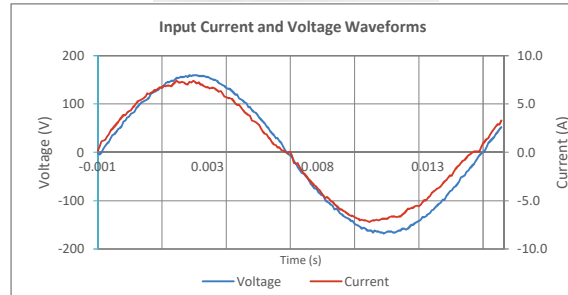
TYPICAL EFFICIENCY (50% Load):	92.85%
AVERAGE EFFICIENCY :	91.61%
80 PLUS COMPLIANT:	Platinum



ID Number	6949
Manufacturer	Dongguan Golden Field Industrial Co., Ltd(DG)
Model Number	EPS1050ALG(92+)
Serial Number	N/A
Year	2023
Type	EPS12V
Test Date	1/13/23

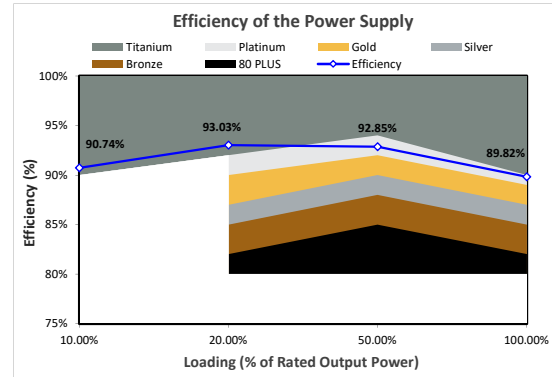
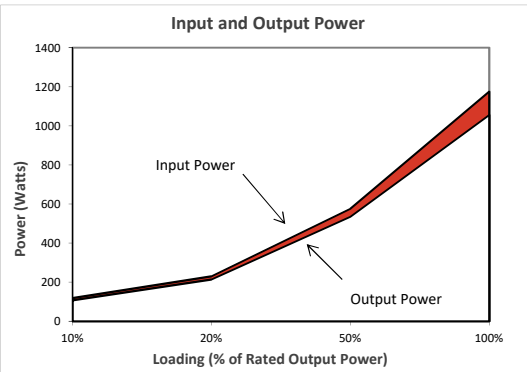
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	50-60	Hz
Rated Output Power	1050	Watts

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



Input AC Current Waveform (ITHD = 3.06%, 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		
1.068	0.9624	15.81%	10%	118.15	12.22/7.89	12.70/0.4	3.4/1.09	5.05/1.08	5.05/0.22	107.20	90.74%
2.027	0.9883	8.02%	20%	230.50	12.21/15.81	12.65/0.08	3.39/2.16	5.03/2.17	5.03/0.45	214.43	93.03%
5.031	0.9943	3.06%	50%	575.20	12.17/39.54	12.46/0.18	3.36/5.42	5.01/5.37	4.98/1.12	534.10	92.85%
10.243	0.9977	3.12%	100%	1174.70	12.07/78.73	12.16/0.36	3.34/10.85	4.98/10.73	4.9/2.25	1055.15	89.82%



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/>