

# 80 PLUS Verification and Testing Report

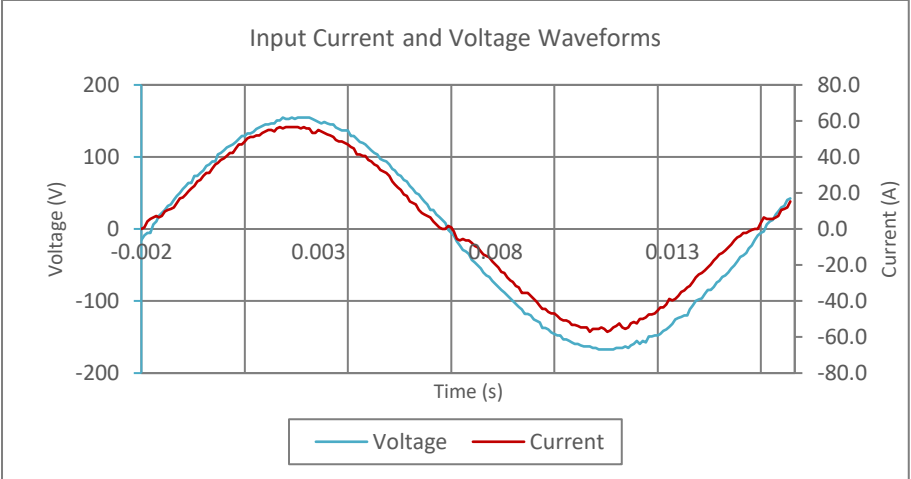
TYPICAL EFFICIENCY (50% Load):	92.22%
AVERAGE EFFICIENCY :	90.90%
80 PLUS COMPLIANT:	YES



ID Number	5938
Manufacturer	DONGGUAN GOLDEN FIELD INDUSTRIAL CO.,LTD.
Model Number	900ALG
Serial Number	N/A
Year	2020
Type	EPS12V
Test Date	4/13/20

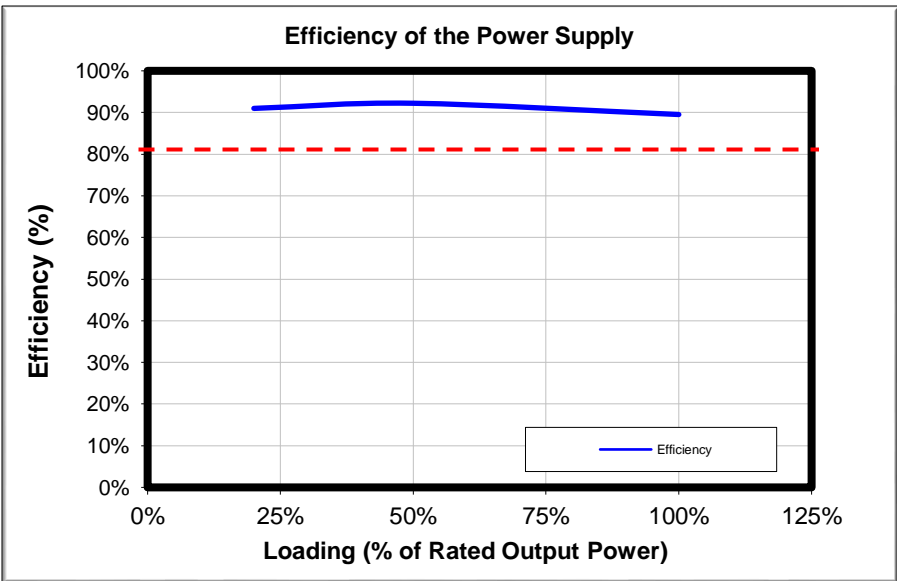
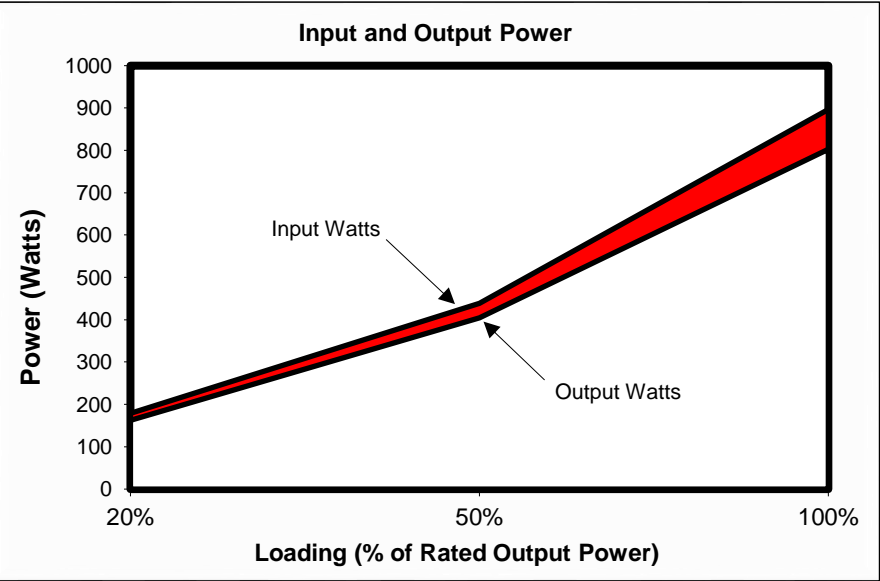
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	800	Watts

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



Input AC Current Waveform (ITHD = 7.26%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vsb		
0.83	0.98	15.04%	10%	93.03	12.14/5.77	11.95/0.04	3.38/1.11	5.08/1.11	5.07/0.27	81.21	87.29%
1.57	0.99	11.77%	20%	178.36	12.12/11.53	11.39/0.09	3.36/2.23	5.07/2.22	5.05/0.54	162.27	90.98%
3.83	1.00	7.26%	50%	438.60	12.09/28.85	11.46/0.22	3.33/5.56	5.04/5.51	5.01/1.35	404.47	92.22%
7.81	1.00	5.89%	100%	896.60	12.04/57.54	11.77/0.45	3.26/11.14	5/11.02	4.93/2.69	802.61	89.52%



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/>

