

80 PLUS Verification and Testing Report

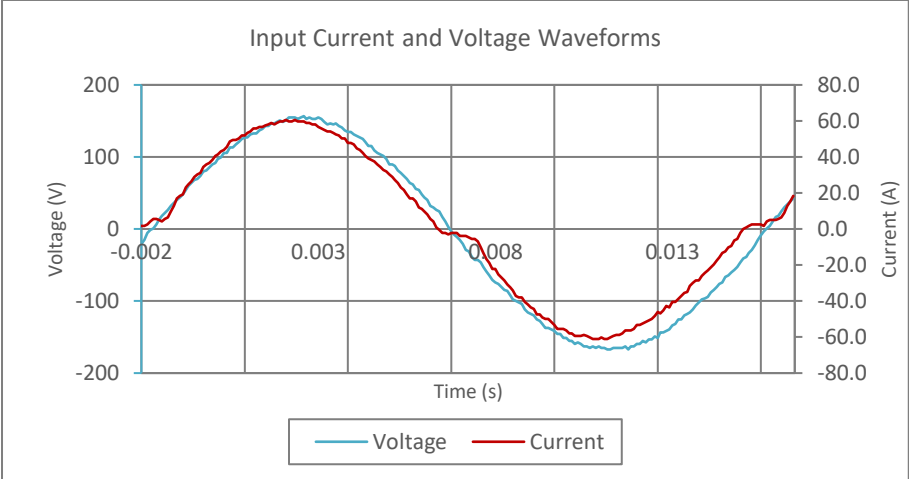
TYPICAL EFFICIENCY (50% Load):	91.33%
AVERAGE EFFICIENCY :	89.95%
80 PLUS COMPLIANT:	YES



ID Number	6042
Manufacturer	DONGGUAN GOLDEN FIELD INDUSTRIAL CO.,LTD.
Model Number	EPS850ELG(90+)
Serial Number	N/A
Year	2020
Type	EPS12V
Test Date	7/24/20

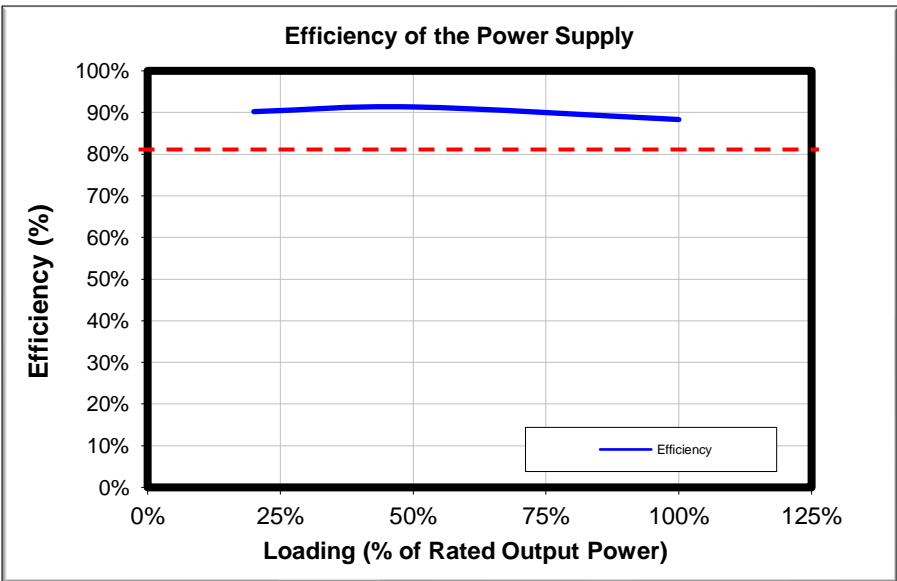
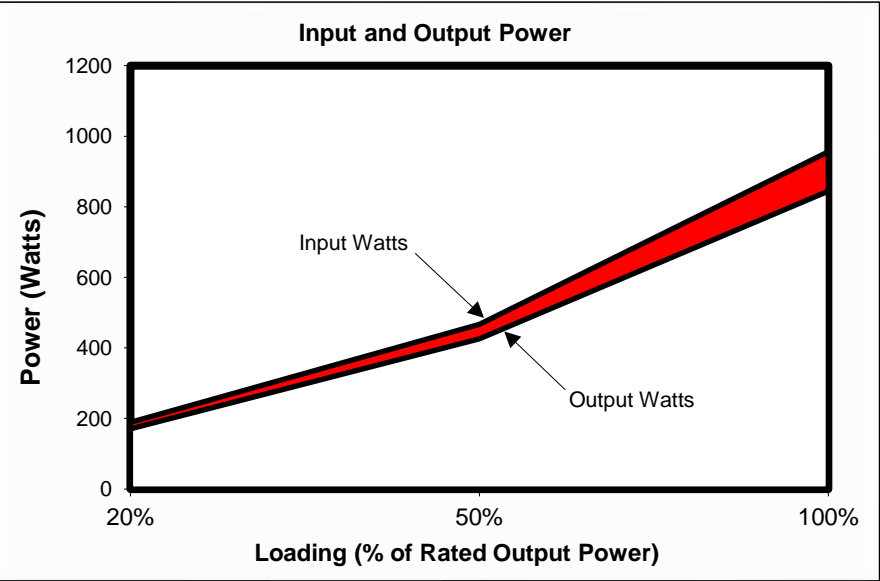
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 7.99%, 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	5Vsb		
0.89	0.98	9.59%	10%	99.88	12.05/6.18	11.71/0.05	3.37/1.12	5.02/1.12	5.11/0.27	85.84	85.94%
1.68	0.98	15.32%	20%	189.72	12.04/12.35	11.72/0.09	3.36/2.24	5/2.23	5.1/0.54	171.14	90.21%
4.09	0.99	7.99%	50%	466.90	12/30.88	11.8/0.23	3.32/5.61	4.98/5.56	5.06/1.36	426.44	91.33%
8.34	1.00	5.14%	100%	956.10	11.92/61.58	12.02/0.45	3.25/11.24	4.94/11.11	4.99/2.71	844.34	88.31%



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/>

