

80 PLUS Verification and Testing Report

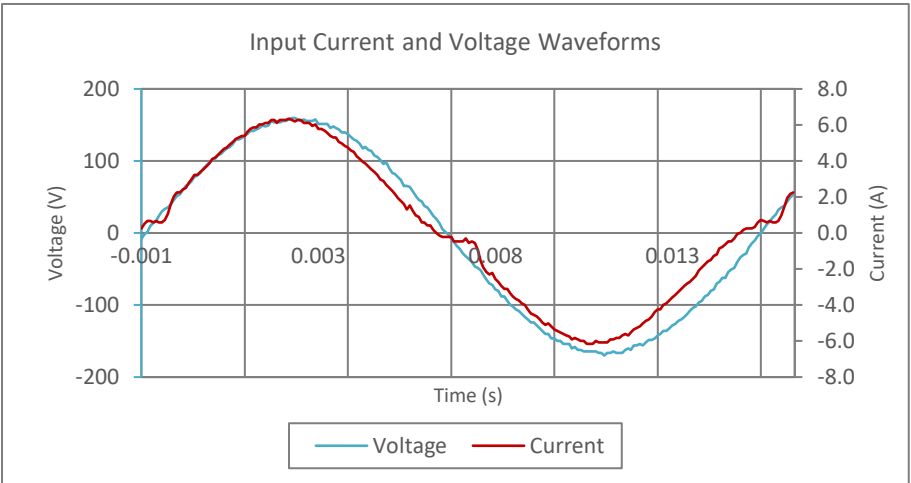
TYPICAL EFFICIENCY (50% Load):	91.58%
AVERAGE EFFICIENCY :	90.22%
80 PLUS COMPLIANT:	YES



ID Number	6661
Manufacturer	Shenzhen Galapad Technology Limited
Model Number	G850
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	9/3/21

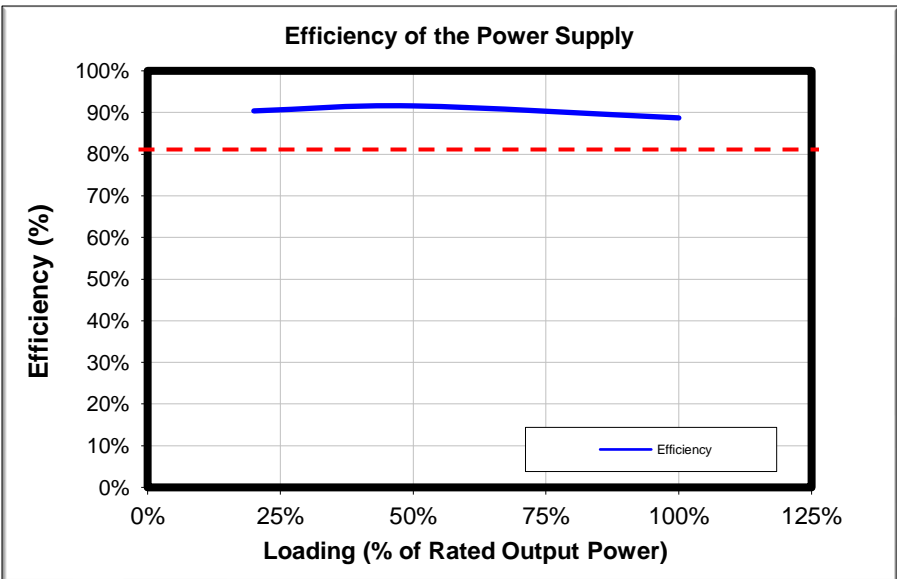
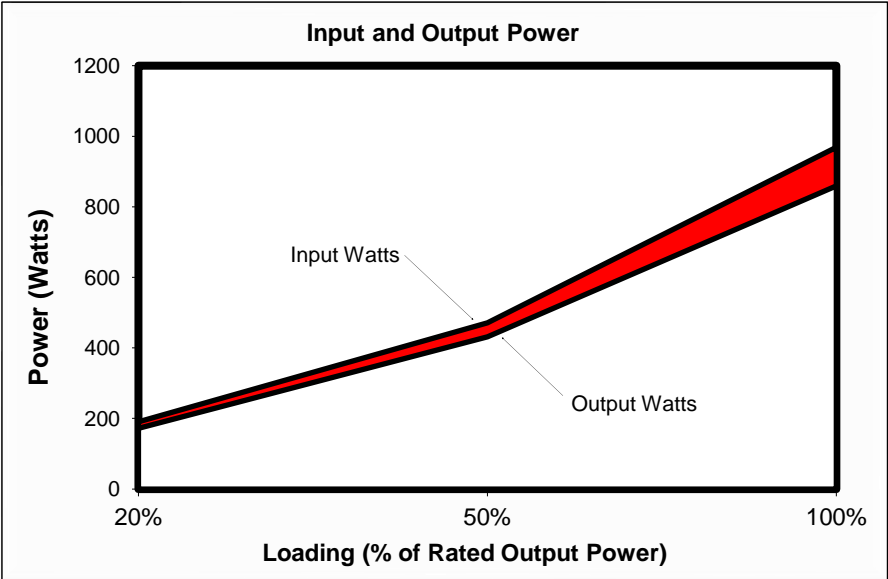
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 9.88%, 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	7.44%	10%	99.64	12.15/6.25	12.04/0.03	3.37/1.07	5.08/1.07	5.1/0.22	86.45	86.76%
1.70	0.98	12.56%	20%	191.18	12.15/12.5	12.05/0.05	3.36/2.14	5.07/2.13	5.08/0.44	172.78	90.38%
4.13	0.99	9.88%	50%	470.50	12.15/31.24	12.05/0.13	3.31/5.36	5.01/5.31	5/1.11	430.88	91.58%
8.46	1.00	6.03%	100%	968.70	12.14/62.4	12.14/0.27	3.26/10.72	4.97/10.61	4.91/2.22	859.27	88.70%



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/>