

80 PLUS Verification and Testing Report

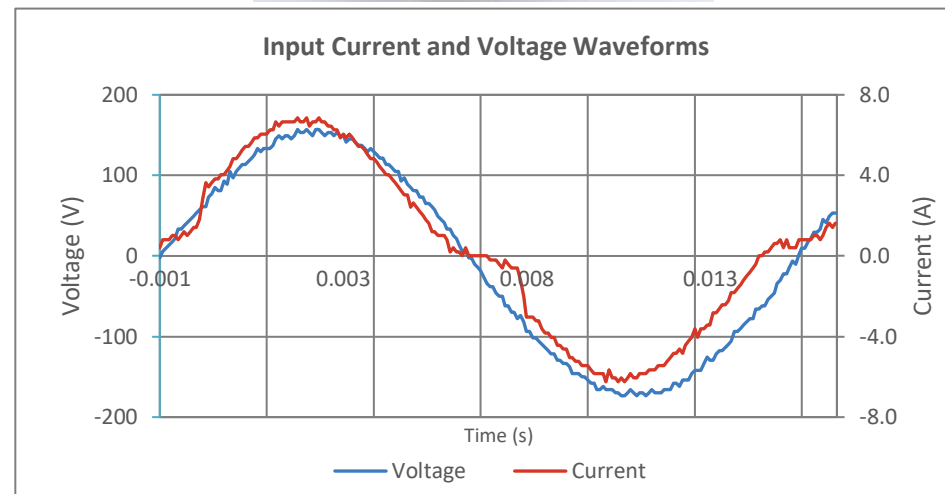
TYPICAL EFFICIENCY (50% Load):	90.80%
AVERAGE EFFICIENCY :	88.75%
80 PLUS COMPLIANT:	Gold



ID Number	6868
Manufacturer	Be Quiet
Model Number	L12-M-850W
Serial Number	N/A
Year	2022
Type	ATX12V
Test Date	9/16/22

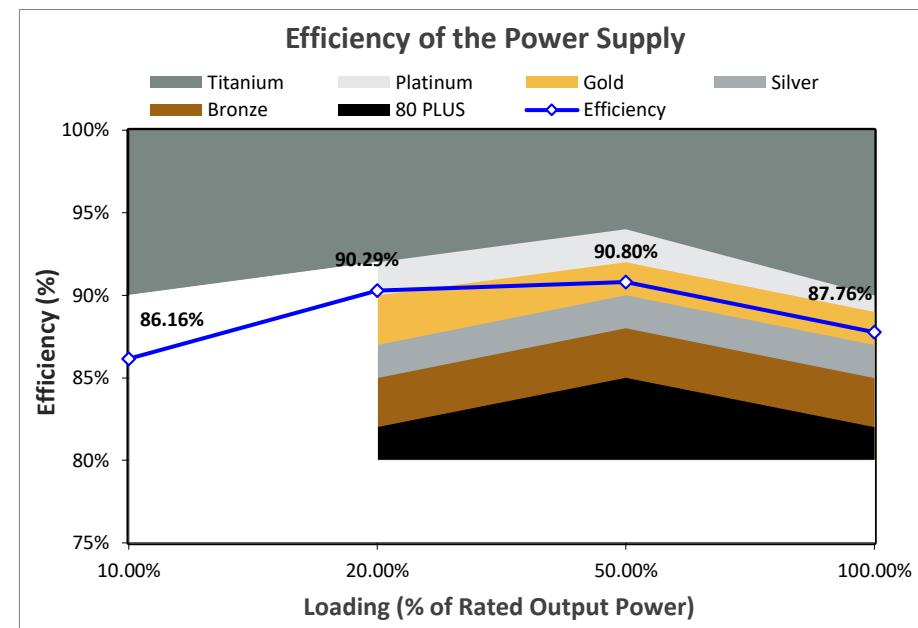
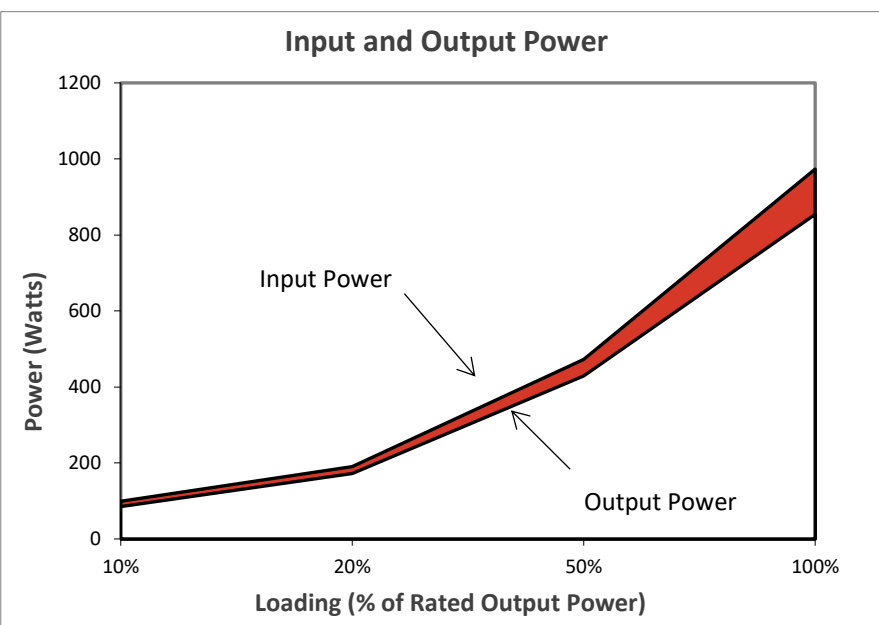
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 15.09%, 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		
0.913	0.9464	31.58%	10%	99.40	12.09/6.09	12.14/0.03	3.32/1.24	5.04/1.24	5.12/0.26	85.64	86.16%
1.712	0.9663	25.07%	20%	190.30	12.07/12.23	12.15/0.05	3.36/2.48	5.07/2.48	5.11/0.52	171.81	90.29%
4.169	0.9848	15.09%	50%	472.30	12.02/30.6	12.16/0.13	3.45/6.21	5.15/6.15	5.07/1.29	428.86	90.80%
8.501	0.9951	7.79%	100%	973.20	11.94/61.07	12.17/0.26	3.59/12.43	5.29/12.29	5.03/2.58	854.10	87.76%



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/>