

# 80 PLUS Verification and Testing Report

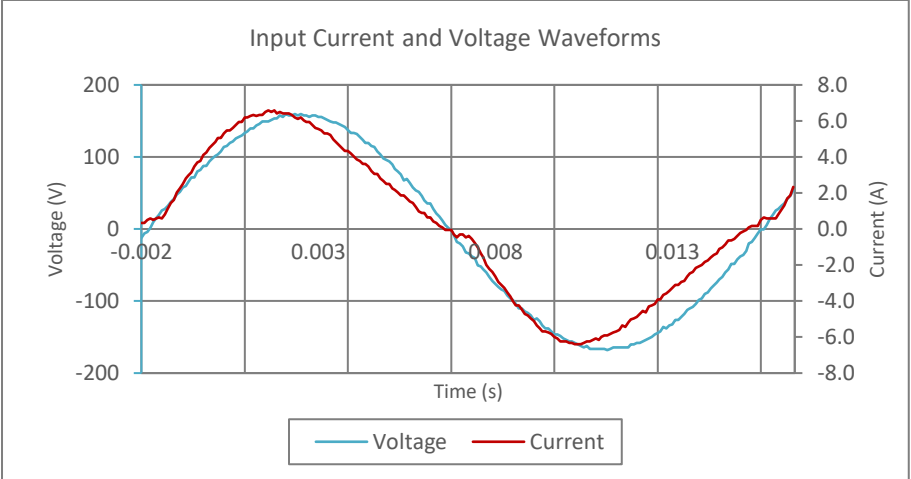
TYPICAL EFFICIENCY (50% Load):	90.87%
AVERAGE EFFICIENCY :	89.85%
80 PLUS COMPLIANT:	YES



ID Number	6305
Manufacturer	APEVIA CORP.
Model Number	GALAXY850W
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	1/14/21

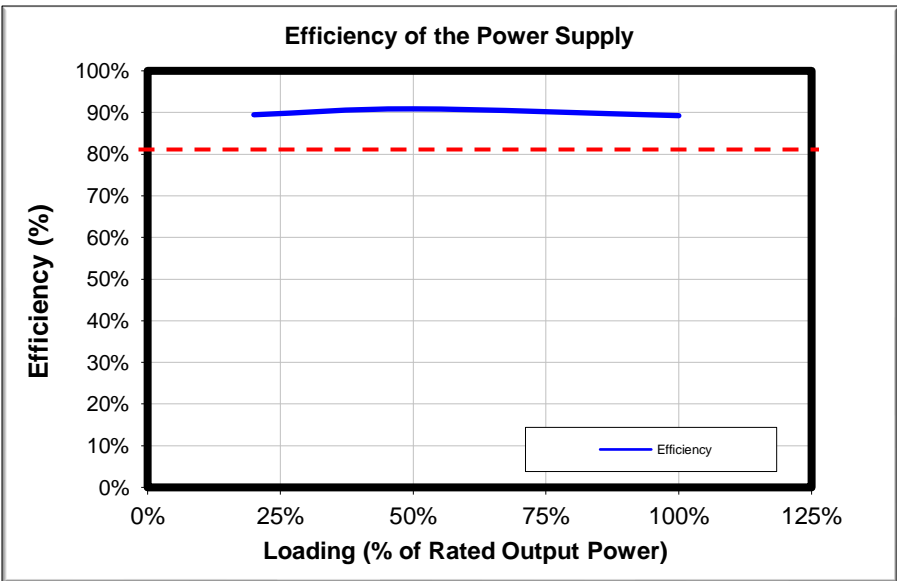
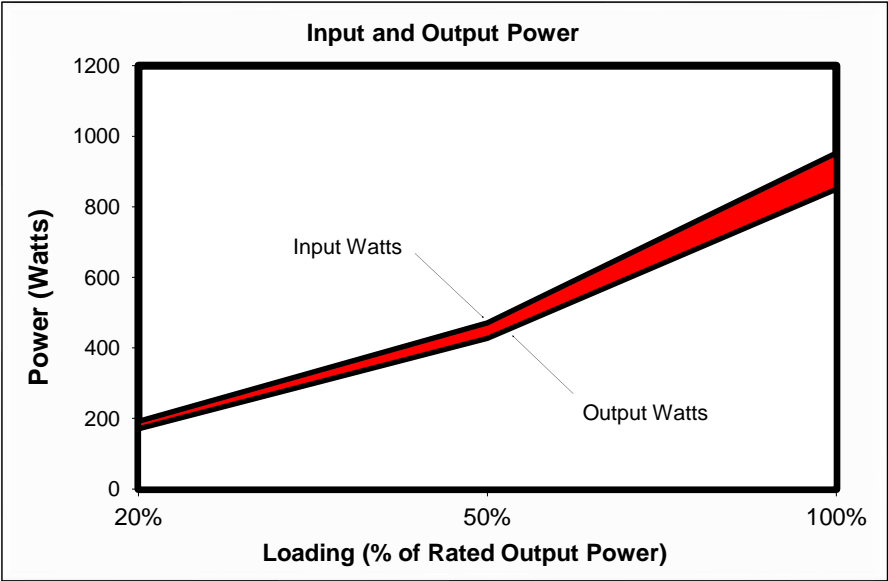
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10/5	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 12.63%, 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		
0.91	0.96	21.44%	10%	100.00	12.06/6.25	11.45/0.03	3.35/1.06	5.04/1.06	5.04/0.26	85.85	85.85%
1.72	0.97	17.19%	20%	191.70	12.05/12.49	11.44/0.05	3.35/2.12	5.04/2.11	5.04/0.53	171.48	89.45%
4.16	0.98	12.63%	50%	470.70	12.02/31.24	11.47/0.13	3.34/5.29	5.04/5.25	5/1.32	427.74	90.87%
8.36	0.99	9.60%	100%	952.60	11.99/62.21	11.6/0.26	3.34/10.59	5.03/10.48	5.04/2.63	850.09	89.24%



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/>