

80 PLUS Verification and Testing Report

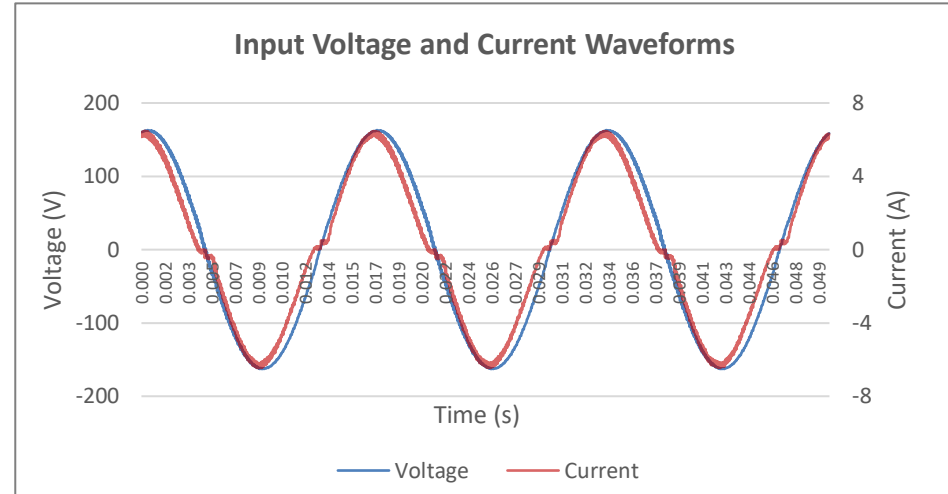
TYPICAL EFFICIENCY (50% Load):	91.88%
AVERAGE EFFICIENCY :	87.51%
80 PLUS COMPLIANT:	Gold



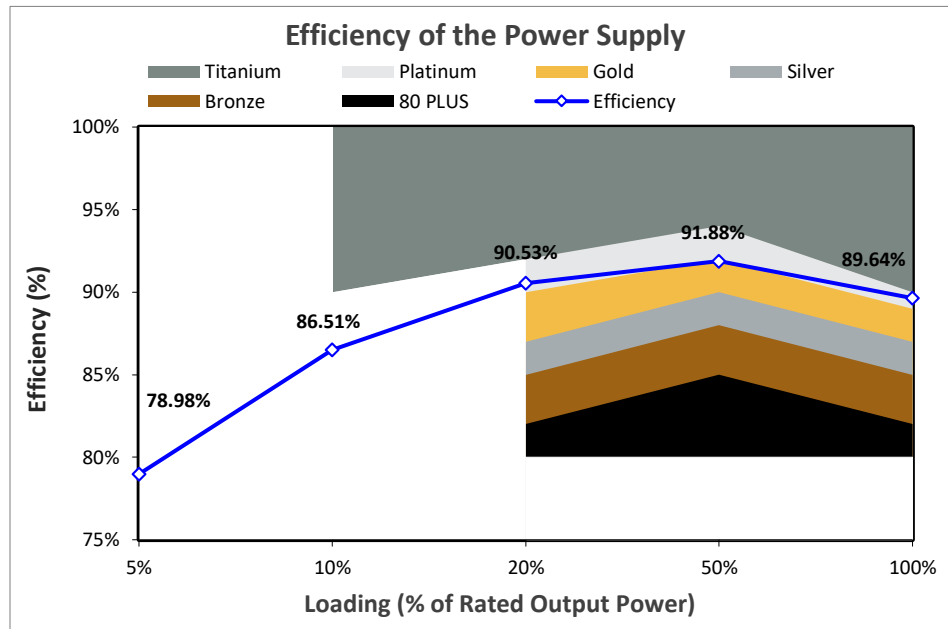
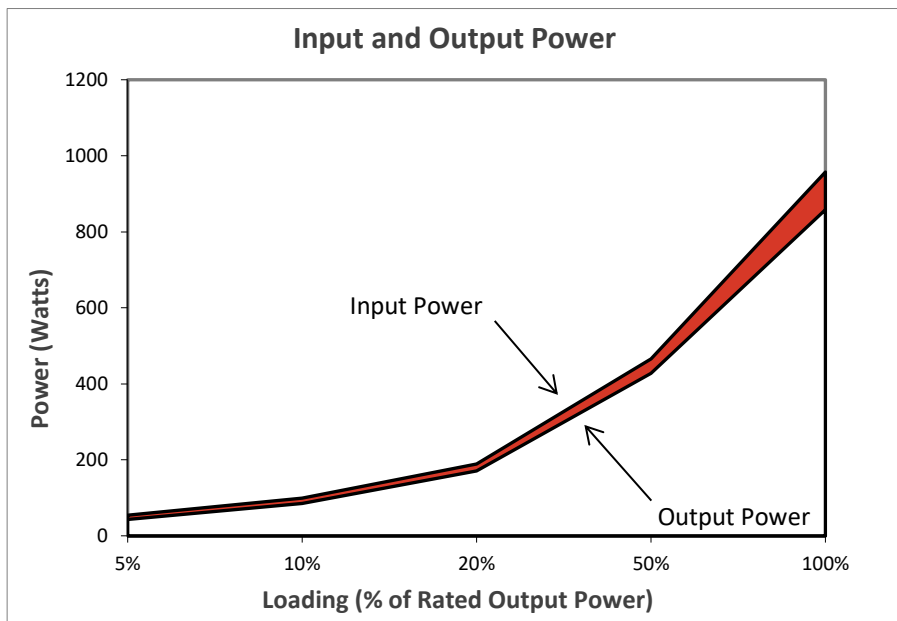
ID Number	7287
Manufacturer	ARDOR GAMING
Model Number	850WGF
Serial Number	N/A
Type	ATX12V
Test Date	2/5/24

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.



I _{RMS} (A)	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			5Vstb
0.151	0.5366	33.91	0%	9.32	No-Load						
0.500	0.9420	13.13	5%	54.14	12.06/3.1	12.34/0.013	3.39/0.53	5/0.53	5.1/0.133	42.76	78.98%
0.879	0.9789	12.45	10%	98.89	12.06/6.21	12.36/0.027	3.4/1.07	5.02/1.07	5.09/0.266	85.55	86.51%
1.685	0.9750	16.72	20%	189.01	12.05/12.42	12.4/0.053	3.43/2.14	5.04/2.14	5.07/0.532	171.12	90.53%
4.100	0.9881	12.46	50%	466.02	12.04/31.04	12.53/0.133	3.51/5.34	5.11/5.34	5.02/1.33	428.18	91.88%
8.390	0.9918	10.01	100%	957.17	12.03/62.08	12.77/0.266	3.65/10.68	5.24/10.68	4.94/2.659	858.05	89.64%



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/>