

80 PLUS Verification and Testing Report

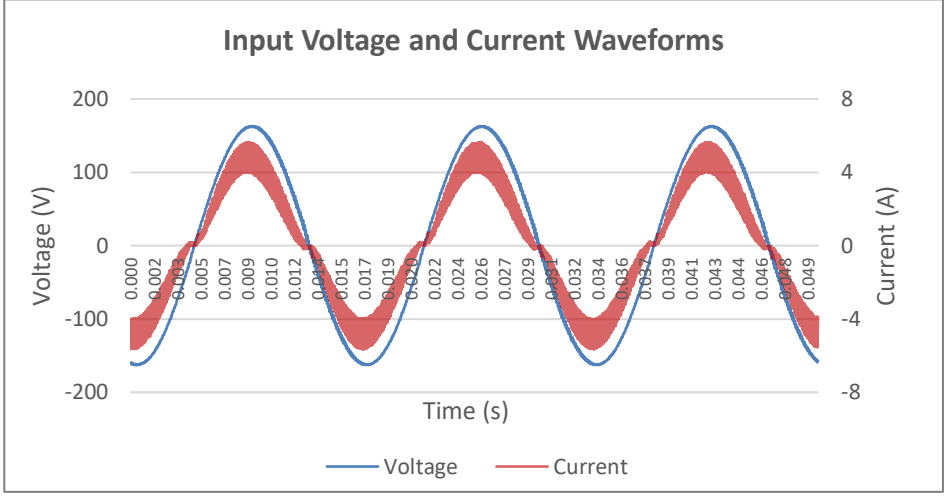
TYPICAL EFFICIENCY (50% Load):	91.20%
AVERAGE EFFICIENCY :	85.61%
80 PLUS COMPLIANT:	Gold



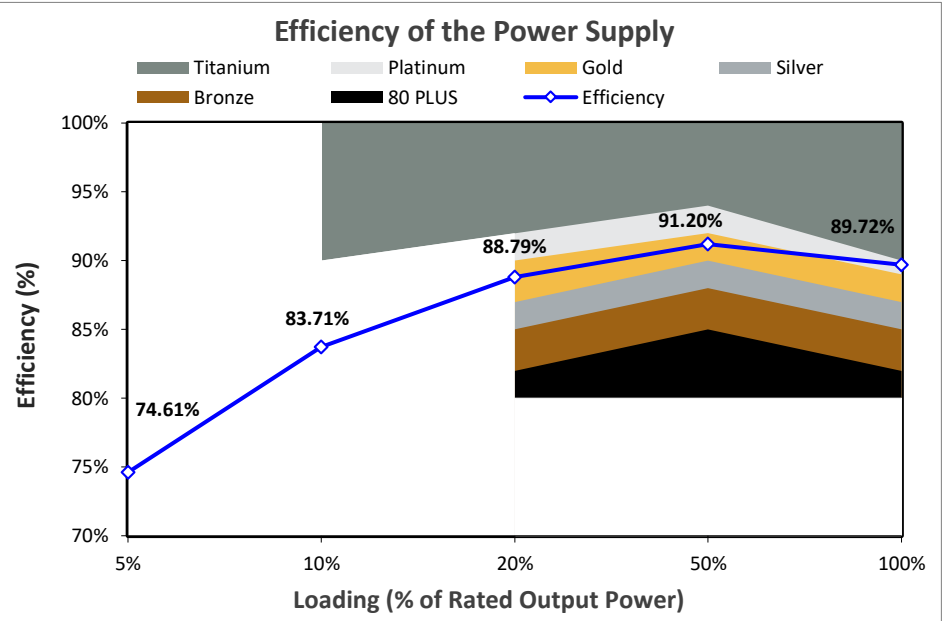
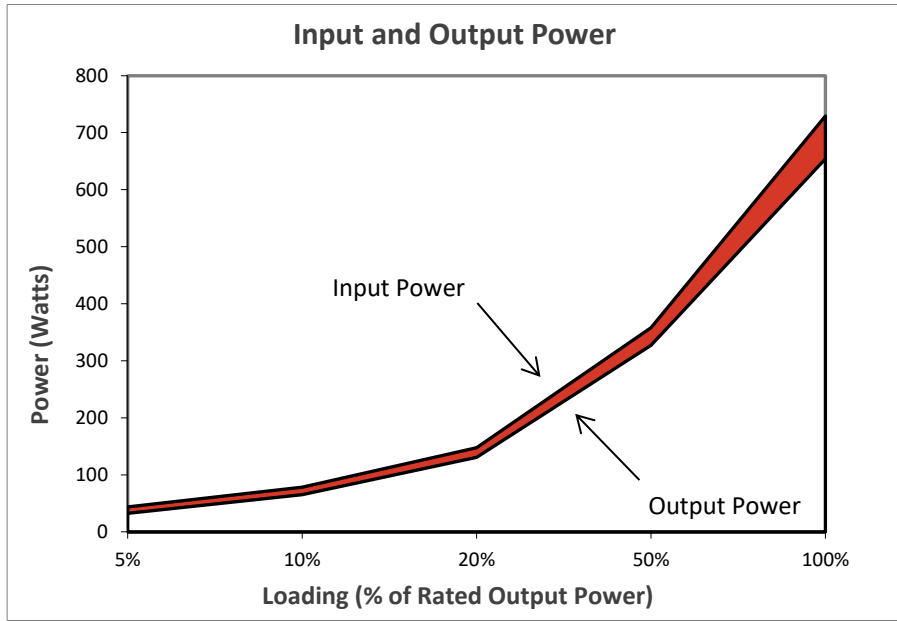
ID Number	7288
Manufacturer	ARDOR GAMING
Model Number	650WGF
Serial Number	N/A
Type	ATX12V
Test Date	2/5/24

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	650	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
0.170	0.4716	38.34	0%	9.22	No-Load						
0.466	0.8175	14.65	5%	43.76	12.03/2.29	12.21/0.013	3.36/0.51	5.03/0.51	5.12/0.127	32.65	74.61%
0.768	0.8830	10.27	10%	78.00	12.03/4.58	12.23/0.025	3.37/1.02	5.04/1.02	5.11/0.254	65.30	83.71%
1.365	0.9372	10.79	20%	147.14	12.03/9.16	12.27/0.051	3.39/2.04	5.05/2.04	5.08/0.509	130.65	88.79%
3.182	0.9788	11.63	50%	358.24	12.02/22.9	12.37/0.127	3.45/5.11	5.07/5.11	5/1.272	326.71	91.20%
6.410	0.9898	10.04	100%	729.31	12.02/45.79	12.56/0.254	3.53/10.22	5.13/10.22	4.87/2.543	654.30	89.72%



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/>