

80 PLUS Verification and Testing Report

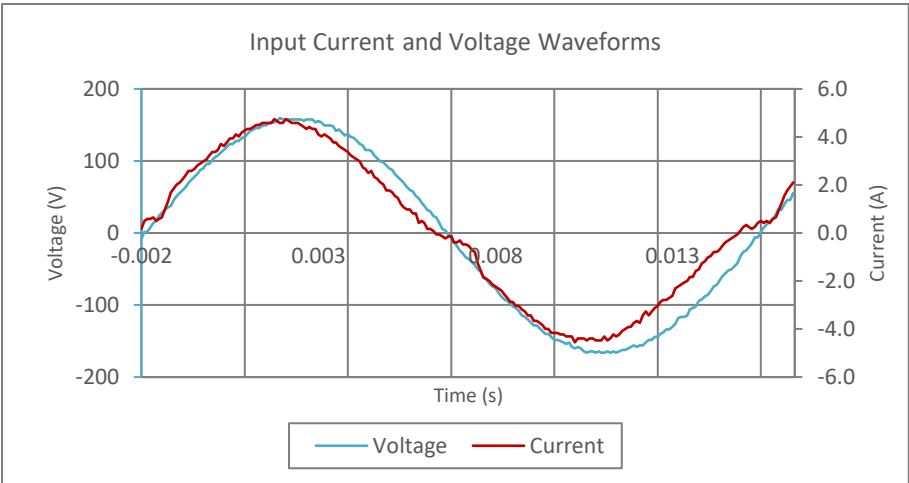
TYPICAL EFFICIENCY (50% Load):	87.71%
AVERAGE EFFICIENCY :	86.15%
80 PLUS COMPLIANT:	YES



ID Number	6295
Manufacturer	ARESGAME
Model Number	AGW600
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	1/12/21

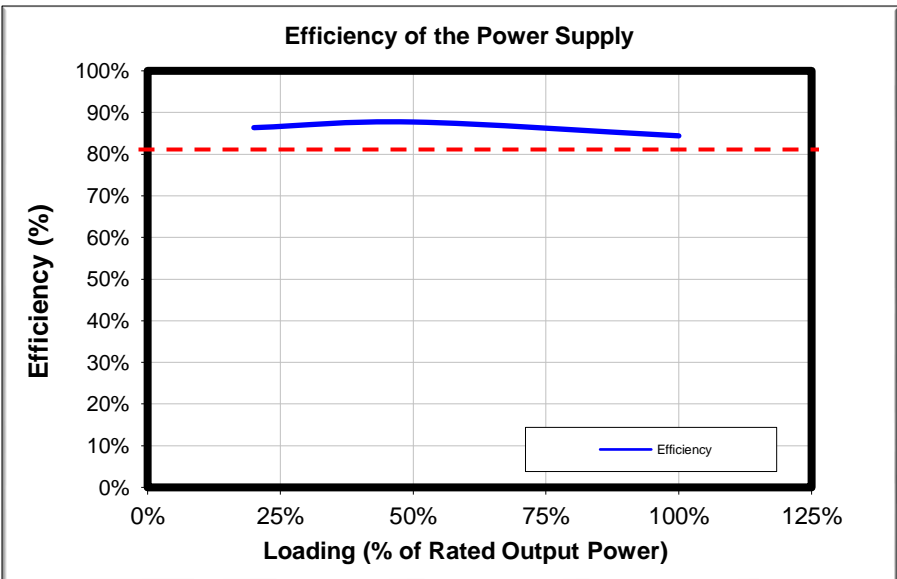
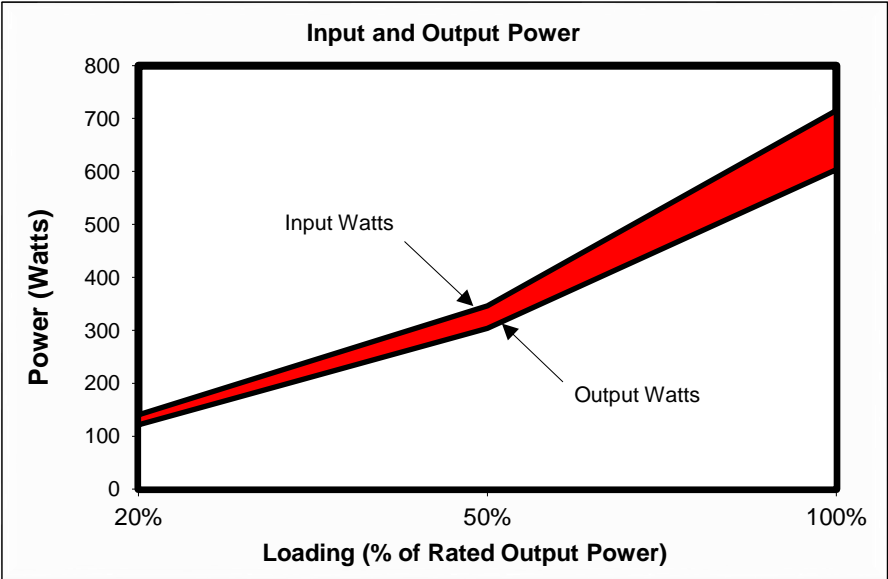
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 8.9%, 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		
0.66	0.96	18.95%	10%	73.46	12.04/4.09	11.72/0.03	3.34/1.15	5.19/1.15	5.1/0.23	60.61	82.51%
1.27	0.96	18.11%	20%	140.23	12.05/8.19	11.75/0.05	3.34/2.3	5.18/2.29	5.1/0.45	121.10	86.36%
3.05	0.99	8.90%	50%	346.30	12.04/20.52	11.82/0.14	3.32/5.74	5.14/5.69	5.06/1.3	303.75	87.71%
6.25	1.00	5.04%	100%	715.30	12.03/40.99	11.92/0.27	3.3/11.5	5.1/11.37	5/2.27	603.65	84.39%



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/>