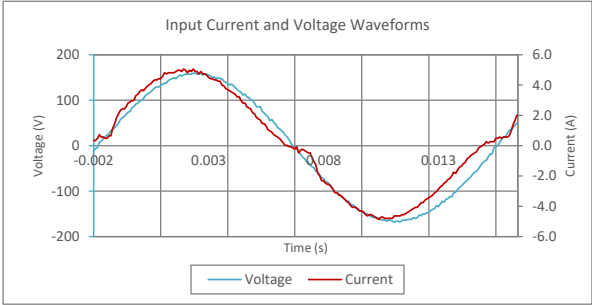


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>87.64%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>86.17%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	6288
<b>Manufacturer</b>	Jingsi Shenzhen Technology Co., Ltd
<b>Model Number</b>	ES-RGB650W
<b>Serial Number</b>	N/A
<b>Year</b>	2021
<b>Type</b>	ATX12V
<b>Test Date</b>	1/12/21

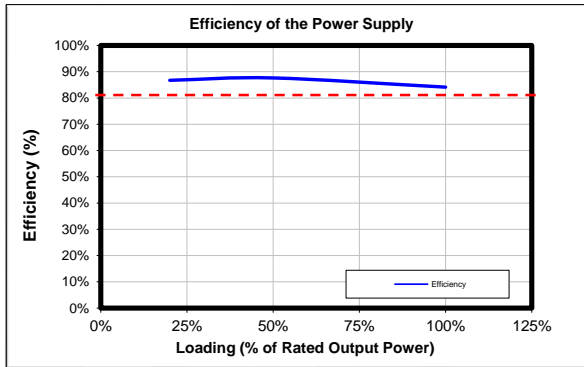
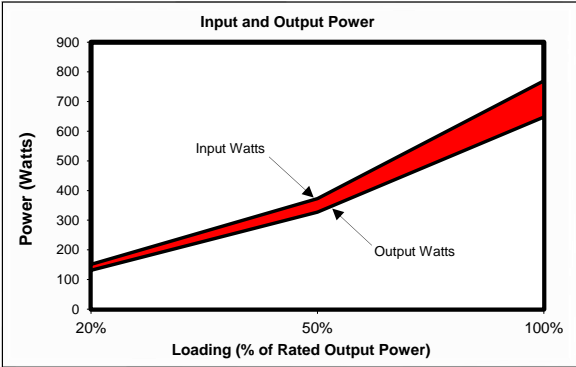


Input AC Current Waveform (ITHD = 9.38%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>650</b>	<b>Watts</b>

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

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.)						
0.71	0.97	16.04%	10%	78.95	12.04/4.51	-12V	3.3V	5V	5Vsb	65.76	83.29%
1.37	0.96	19.77%	20%	151.19	12.04/9.01	11.09/0.03	3.34/1.16	5.21/1.16	5.1/0.23	131.13	86.73%
3.28	0.99	9.38%	50%	373.10	12/22.56	11.13/0.05	3.32/5.79	5.16/5.75	5.06/1.15	326.97	87.64%
6.72	1.00	4.90%	100%	769.90	11.94/44.96	11.21/0.14	3.32/11.61	5.1/11.49	4.99/2.29	647.75	84.13%



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/>