

## 80 PLUS Verification and Testing Report

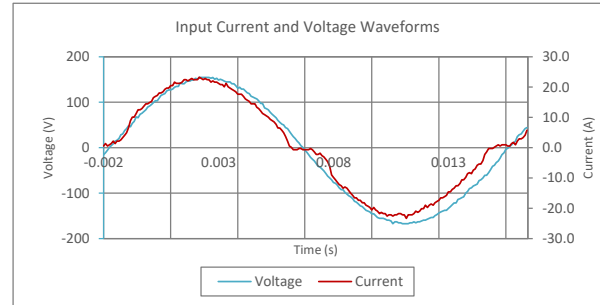
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>87.35%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>85.56%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



ID Number	6040
Manufacturer	EZMAX Electronic Limited
Model Number	EZ-8828C-300W
Serial Number	N/A
Year	2020
Type	TFX
Test Date	7/24/20

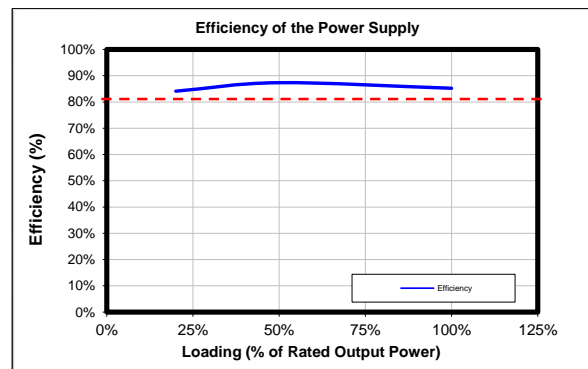
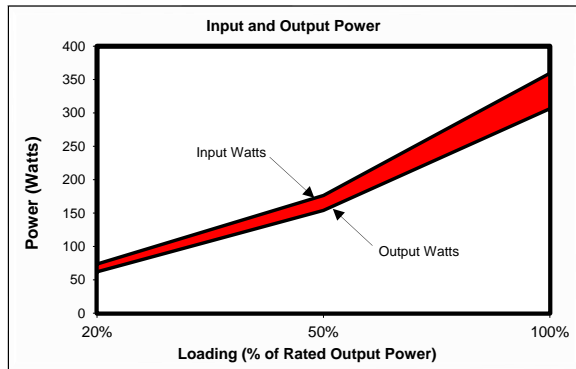
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	N/A	Amps
Input Frequency	47-63	Hz
Rated Output Power	300	Watts

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



Input AC Current Waveform (I<sub>THD</sub> = 9.81%, 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		
0.39	0.91	37.92%	10%	40.43	12.4/1.8	11.82/0.03	3.34/0.79	5.1/0.89	5.15/0.2	30.94	76.52%
0.65	0.99	9.17%	20%	73.62	12.4/3.61	11.79/0.06	3.33/1.59	5.09/1.78	5.14/0.4	61.92	84.11%
1.55	0.99	9.81%	50%	176.48	12.37/9.03	11.77/0.15	3.31/3.97	5.06/4.43	5.1/1	154.16	87.35%
3.15	0.99	8.87%	100%	359.50	12.33/18.04	11.82/0.3	3.28/7.94	5.01/8.84	5.03/2	306.38	85.23%



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/>

