

80 PLUS Verification and Testing Report

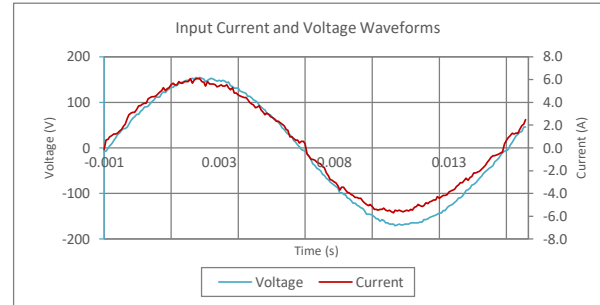
| | |
|---------------------------------------|---------------|
| TYPICAL EFFICIENCY (50% Load): | 88.22% |
| AVERAGE EFFICIENCY : | 86.13% |
| 80 PLUS COMPLIANT: | YES |



| | |
|----------------------|--------------------------|
| ID Number | 5679 |
| Manufacturer | EZMAX Electronic Limited |
| Model Number | EZ-8858C-800W |
| Serial Number | N/A |
| Year | 2019 |
| Type | ATX12V |
| Test Date | 9/25/19 |

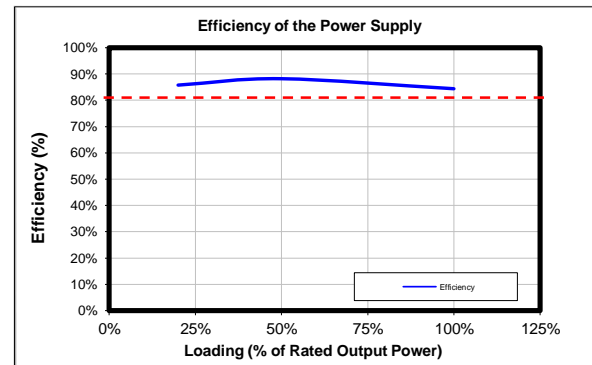
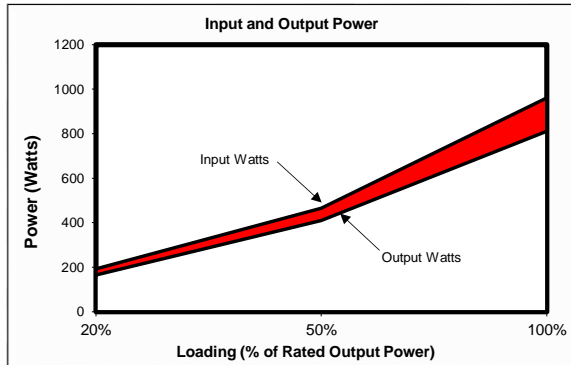
| Rated Specifications | Value | Units |
|---------------------------|------------|--------------|
| Input Voltage | 115 | Volts |
| Input Current | N/A | Amps |
| Input Frequency | 60 | Hz |
| Rated Output Power | 800 | Watts |

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



Input AC Current Waveform (ITHD = 4.72%, 50% Load)

| I _{RMS} | 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 | 5Vsb | | |
| 0.94 | 0.95 | 21.34% | 10% | 102.90 | 12.39/5.66 | 11.9/0.03 | 3.39/1.28 | 5.08/1.28 | 5.12/0.25 | 82.56 | 80.23% |
| 1.72 | 0.97 | 15.55% | 20% | 192.70 | 12.37/11.37 | 11.85/0.06 | 3.38/2.55 | 5.07/2.53 | 5.1/0.5 | 165.30 | 85.78% |
| 4.09 | 0.99 | 4.72% | 50% | 465.50 | 12.31/28.38 | 11.85/0.15 | 3.35/6.38 | 5.03/6.33 | 5.04/1.24 | 410.66 | 88.22% |
| 8.53 | 0.98 | 4.93% | 100% | 961.00 | 12.18/56.71 | 11.85/0.3 | 3.29/12.77 | 4.97/12.63 | 4.86/2.48 | 811.10 | 84.40% |



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/>

