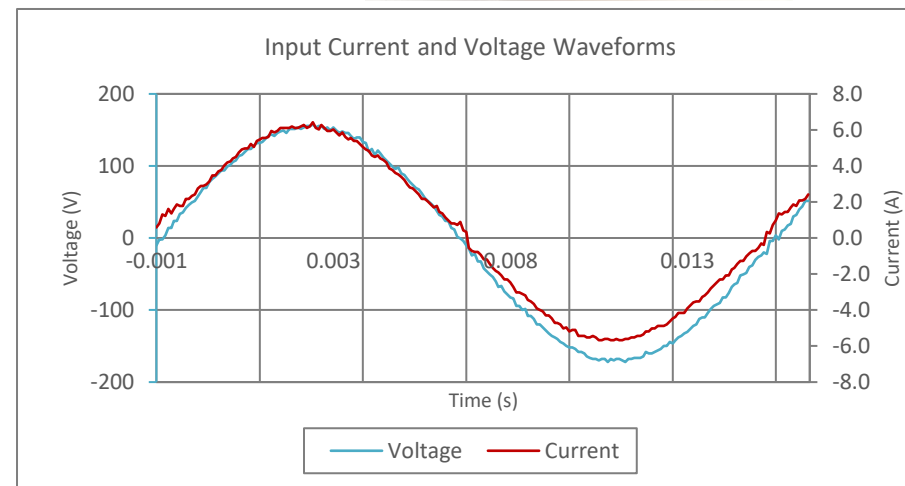


80 PLUS Verification and Testing Report

| | |
|---------------------------------------|---------------|
| TYPICAL EFFICIENCY (50% Load): | 90.63% |
| AVERAGE EFFICIENCY : | 89.23% |
| 80 PLUS COMPLIANT: | YES |



| | |
|----------------------|---------------------------------|
| ID Number | 5301.1 |
| Manufacturer | FORGAME (GZ) TECHNOLOGY CO.,LTD |
| Model Number | OEM_GX850 |
| Serial Number | N/A |
| Year | 2018 |
| Type | ATX12V,EPS12V |
| Test Date | 5/15/18 |

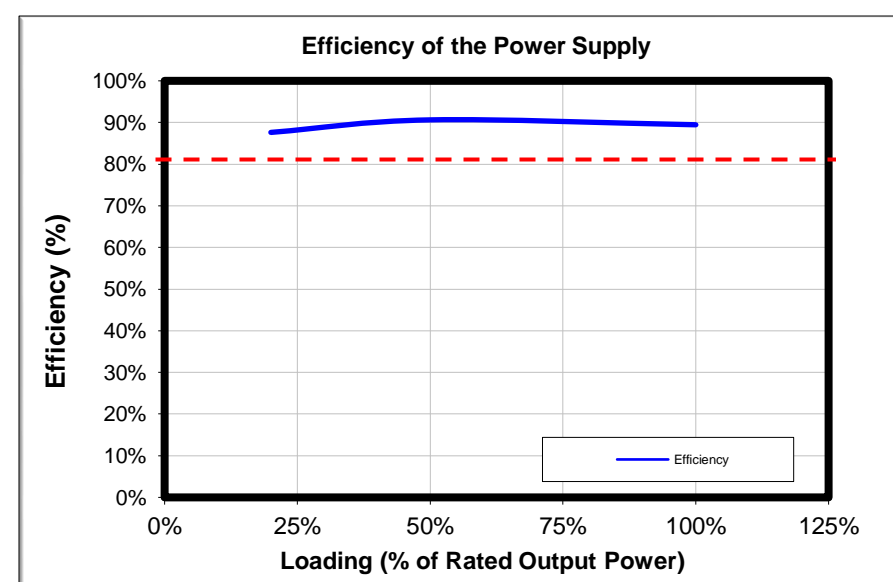
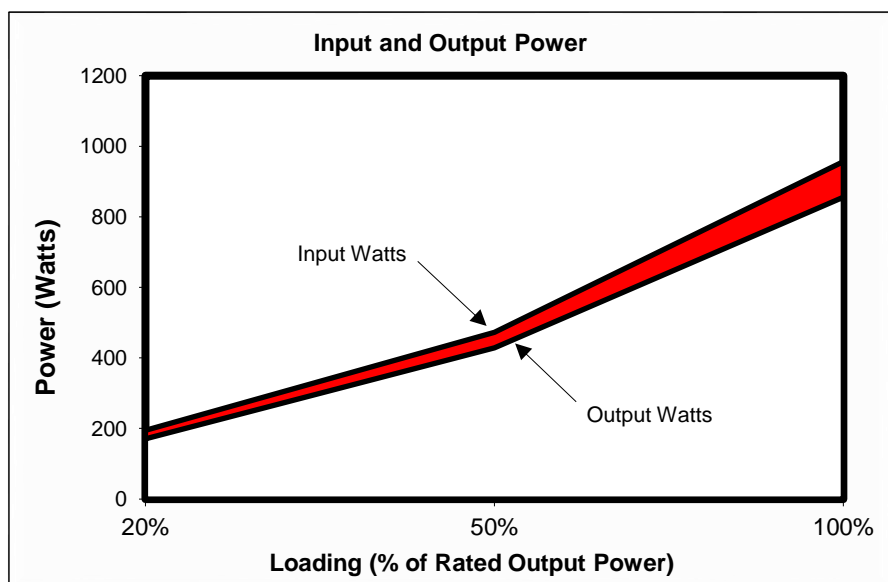


| Rated Specifications | Value | Units |
|---------------------------|------------|--------------|
| Input Voltage | 100-240 | Volts |
| Input Current | 15 | Amps |
| Input Frequency | 47-63 | Hz |
| Rated Output Power | 850 | Watts |

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

Input AC Current Waveform (ITHD = 2.97%, 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 | | |
| 1.10 | 0.82 | 4.85% | 10% | 103.43 | 12.06/6.22 | 11.9/0.03 | 3.36/1.07 | 5.07/1.07 | 5.13/0.22 | 85.59 | 82.75% |
| 1.83 | 0.93 | 3.96% | 20% | 195.45 | 12.06/12.47 | 11.93/0.05 | 3.36/2.14 | 5.07/2.13 | 5.12/0.44 | 171.25 | 87.62% |
| 4.20 | 0.98 | 2.97% | 50% | 473.00 | 12.06/31.23 | 11.91/0.13 | 3.35/5.36 | 5.06/5.31 | 5.11/1.11 | 428.68 | 90.63% |
| 8.44 | 0.99 | 3.12% | 100% | 956.40 | 12.05/62.39 | 11.88/0.27 | 3.34/10.72 | 5.05/10.61 | 5.08/2.22 | 855.52 | 89.45% |



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/>

