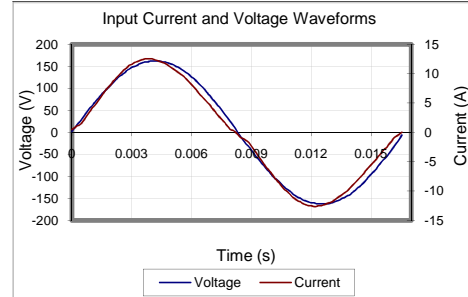


80 PLUS Verification and Testing Report

| | |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 90.97% |
| AVERAGE EFFICIENCY : | 89.47% |
| 80 PLUS COMPLIANT: | YES |



| | |
|---------------|----------------------------|
| Ecos ID # | 1811 |
| Manufacturer | SUPER FLOWER COMPUTER INC. |
| Model Number | SF-850P14XE |
| Serial Number | SO910023718 |
| Year | 2009 |
| Type | EPS12V |
| Test Date | 12/1/2009 |

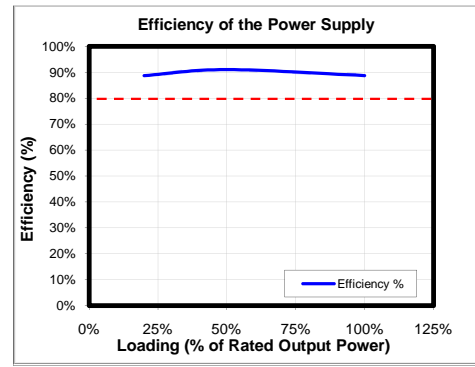
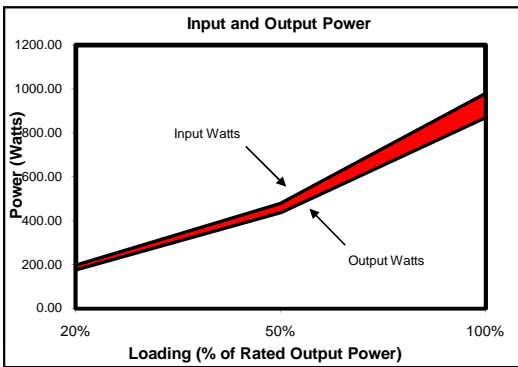


Input AC Current Waveform (ITHD = 9.94%, 50% Load)

| Rated Specifications | Value | Units |
|----------------------|---------|-------|
| Input Voltage | 115-240 | Volts |
| Input Current | 15 | Amps |
| Input Frequency | 60/50 | Hz |
| Rated Output Power | 850 | Watts |

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

| I _{RMS} A | PF | I _{THD} (%) | Load (%) | Fraction of Load | Input Watts | DC Terminal Voltage (V)/ DC Load Current (A) | | | | Output Watts | Efficiency % |
|-----------------------|--------|----------------------|-------------|---------------------|----------------|--|--|--|--|-----------------|-----------------|
| | | | | | | 12V (cumulative of 12V1, 12V2, etc.) | | | | | |
| 1.75 | 0.9814 | 15.21% | 20% | Light | 197.30 | 12.3/12.7 | | | | 175.01 | 88.70% |
| 4.20 | 0.9924 | 9.94% | 50% | Typical | 479.20 | 12.3/31.7 | | | | 435.92 | 90.97% |
| 8.56 | 0.9947 | 7.79% | 100% | Full | 980.20 | 12.3/63.5 | | | | 869.83 | 88.74% |



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/>

