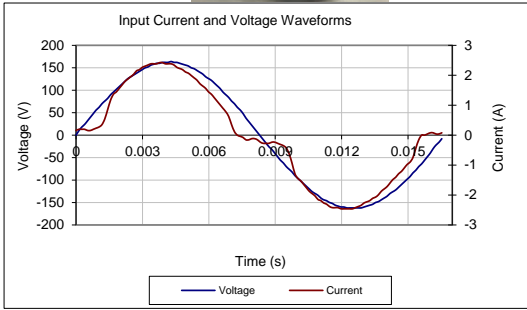


# 80 PLUS Verification and Testing Report

|                                       |               |
|---------------------------------------|---------------|
| <b>TYPICAL EFFICIENCY (50% Load):</b> | <b>83.59%</b> |
| <b>AVERAGE EFFICIENCY :</b>           | <b>81.69%</b> |
| <b>80 PLUS COMPLIANT:</b>             | <b>YES</b>    |



|                      |               |
|----------------------|---------------|
| <b>Ecos ID #</b>     | 2535.2        |
| <b>Manufacturer</b>  | Comstars      |
| <b>Model Number</b>  | KT-T300FX-Ayy |
| <b>Serial Number</b> | N/A           |
| <b>Year</b>          | 2011          |
| <b>Type</b>          | TFX           |
| <b>Test Date</b>     | 4/28/2011     |

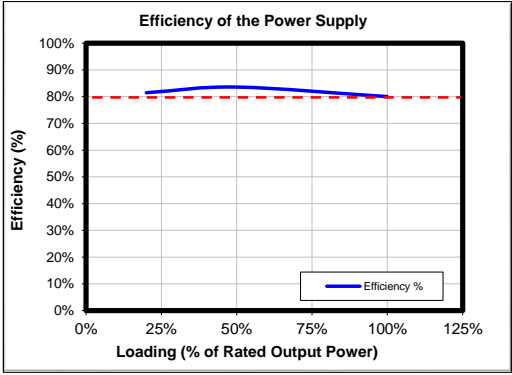
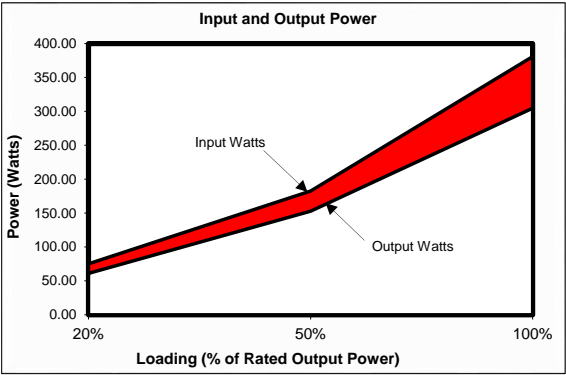


Input AC Current Waveform (ITHD = 19.7%, 50% Load)

| Rated Specifications      | Value      | Units        |
|---------------------------|------------|--------------|
| Input Voltage             | 110-240    | Volts        |
| Input Current             | 5          | Amps         |
| Input Frequency           | 50/60      | Hz           |
| <b>Rated Output Power</b> | <b>300</b> | <b>Watts</b> |

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

| I <sub>RMS</sub><br>A | PF   | I <sub>THD</sub> (%) | Load (%) | Fraction of 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   |
| 0.70                  | 0.93 | 33.88%               | 20%      | Light            | 75.12       | 12.3/3.3                                      | 12.2/0   | 3.3/2.7  | 5.1/1.9 | 5/0.4        | 61.19        | 81.46% |
| 1.63                  | 0.98 | 19.70%               | 50%      | Typical          | 182.70      | 12.3/8.1                                      | 12.3/0.1 | 3.3/6.7  | 5/4.8   | 5/0.9        | 152.73       | 83.59% |
| 3.34                  | 0.99 | 12.14%               | 100%     | Full             | 380.80      | 12.3/16.3                                     | 12.4/0.3 | 3.3/13.4 | 5/9.6   | 4.9/1.8      | 304.71       | 80.02% |



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/>

