

80 PLUS Verification and Testing Report

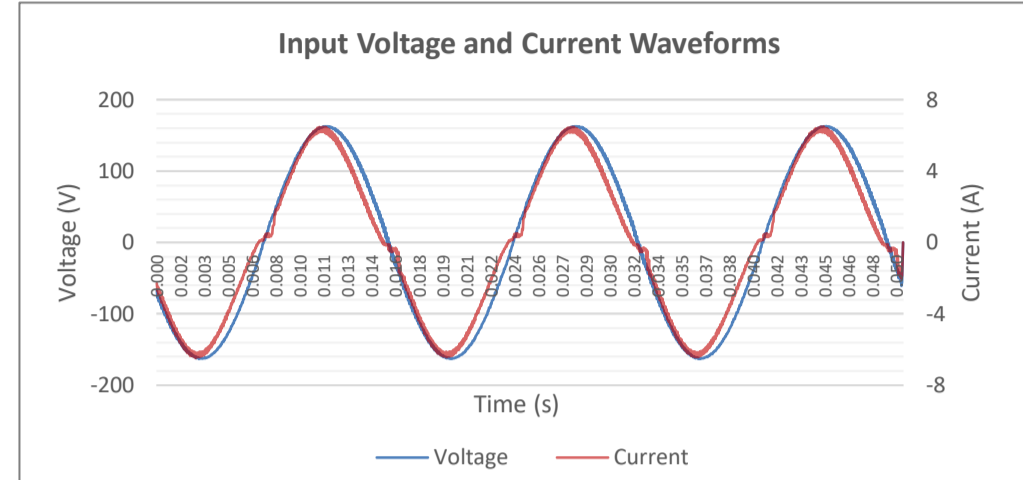


| | |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 91.46% |
| AVERAGE EFFICIENCY : | 84.24% |
| AVERAGE STANDBY EFFICIENCY : | 77.05% |
| 80 PLUS COMPLIANT: | Gold |

| | |
|---------------|-------------------------|
| ID Number | 7703 |
| Manufacturer | Antec |
| Model Number | X7000A618XU-24 |
| Sample 1 S/N: | N/A |
| Sample 2 S/N: | N/A |
| Type | ATX12V, ATX 3.1, EPS12V |
| Test Date | 1/13/25 |

| Rated | Value | Units |
|--------------------|---------|-------|
| Input Voltage | 100-240 | Volts |
| Input Current | 10 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 850 | Watts |

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

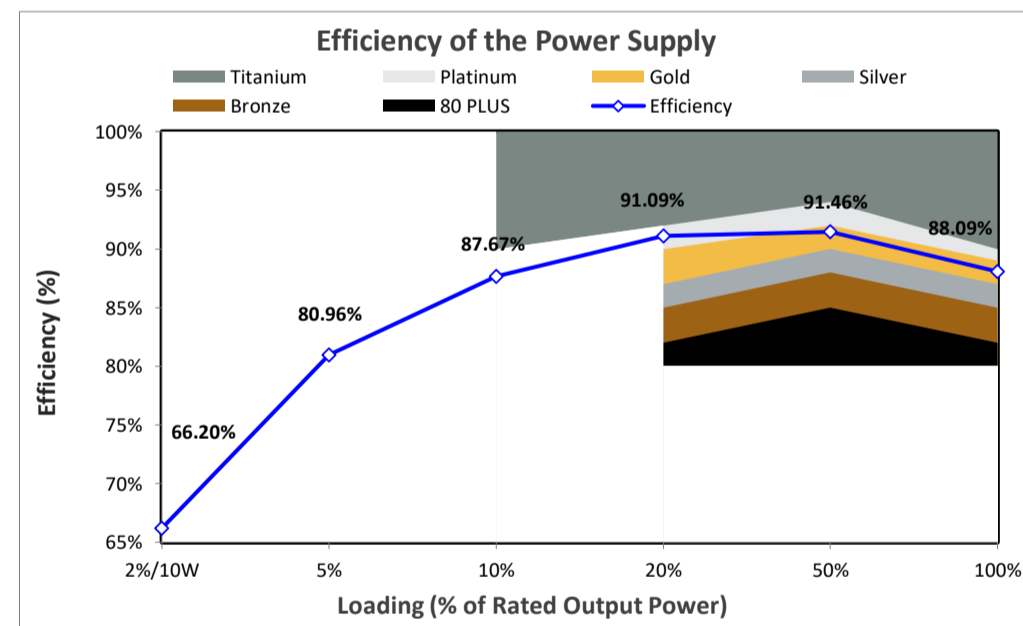
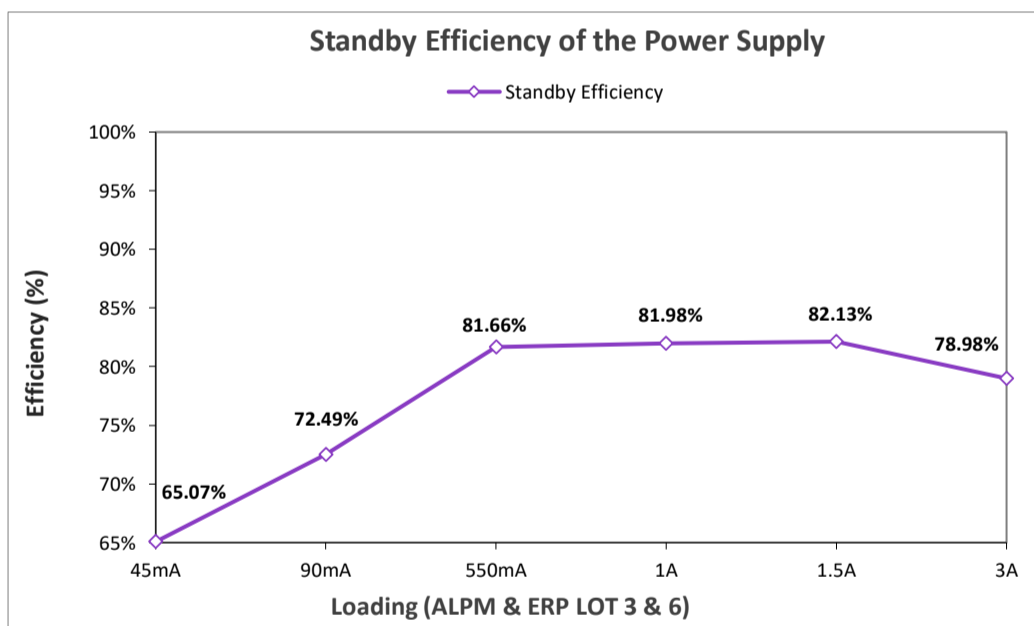


| I _{RMS} (A) | PF | I _{THD} (%) | Load | Input Watts | DC Terminal Voltage (V)/ DC Load Current (A) | | | | | Output Watts | Efficiency |
|----------------------|---------------|----------------------|--------|-------------|----------------------------------------------|--------------|--------------|--------------|-------------|--------------|------------|
| | | | | | 12V (cumulative of 12V1, 12V2, etc.) | -12V | 3.3V | 5V | 5VSB | | |
| 0.160 | 0.4469 | 31.83 | 0% | 8.25 | No-Load | | | | | | |
| 0.285 | 0.7984 | 19.37 | 2%/10W | 26.13 | 12.197/1.245 | 11.901/0.005 | 3.368/0.212 | 5.112/0.211 | 5.105/0.053 | 17.30 | 66.20% |
| 0.501 | 0.9278 | 12.44 | 5% | 53.40 | 12.201/3.110 | 11.903/0.013 | 3.365/0.529 | 5.110/0.529 | 5.083/0.132 | 43.23 | 80.96% |
| 0.880 | 0.9749 | 11.50 | 10% | 98.64 | 12.205/6.219 | 11.916/0.026 | 3.361/1.058 | 5.107/1.058 | 5.046/0.263 | 86.48 | 87.67% |
| 1.691 | 0.9752 | 14.55 | 20% | 189.68 | 12.200/12.434 | 11.933/0.053 | 3.349/2.116 | 5.095/2.115 | 4.976/0.527 | 172.79 | 91.09% |
| 4.133 | 0.9902 | 10.69 | 50% | 470.84 | 12.176/31.083 | 11.976/0.132 | 3.314/5.289 | 5.052/5.289 | 4.861/1.317 | 430.62 | 91.46% |
| 8.529 | 0.9956 | 7.70 | 100% | 975.90 | 12.181/62.160 | 12.088/0.237 | 3.260/10.577 | 4.998/10.577 | 4.743/2.633 | 859.64 | 88.09% |

Note: Efficiency data was obtained from Sample 1 (Serial Number: N/A)

| I _{RMS} (A) | PF | I _{THD} (%) | Load | Input Watts | DC Terminal Voltage (V)/ DC Load Current (A) | | Output Watts | Standby Efficiency |
|----------------------|---------------|----------------------|-------|-------------|----------------------------------------------|--------------|--------------|--------------------|
| | | | | | 5VSB | Vampire Load | | |
| 0.090 | 0.0067 | 2.23 | 0mA | 0.07 | 5.140/0.045 | | 0.23 | 65.07% |
| 0.090 | 0.0343 | 10.28 | 45mA | 0.36 | 5.137/0.090 | | 0.46 | 72.49% |
| 0.091 | 0.0607 | 17.69 | 90mA | 0.64 | 5.115/0.550 | | 2.81 | 81.66% |
| 0.117 | 0.2551 | 59.68 | 550mA | 3.45 | 5.092/1.000 | | 5.09 | 81.98% |
| 0.155 | 0.3473 | 74.25 | 1A | 6.21 | 5.068/1.500 | | 7.60 | 82.13% |
| 0.201 | 0.3970 | 80.42 | 1.5A | 9.26 | 4.991/3.003 | | 14.99 | 78.98% |
| 0.353 | 0.4584 | 85.21 | 3A | 18.98 | | | | |

Note: Standby efficiency data was obtained from Sample 2 (Serial Number: N/A)



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. <https://www.clearexult.com/80plus/> [clearexult.com]