

80 PLUS Verification and Testing Report

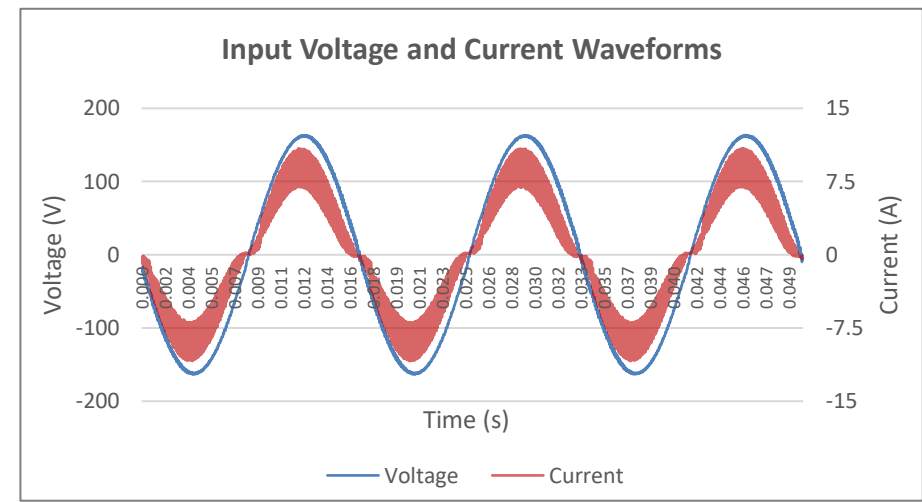
| | |
|--------------------------------|----------|
| TYPICAL EFFICIENCY (50% Load): | 92.47% |
| AVERAGE EFFICIENCY : | 88.51% |
| 80 PLUS COMPLIANT: | Platinum |



| | |
|---------------|----------------|
| ID Number | 7074.3 |
| Manufacturer | Antec |
| Model Number | X8000A818SU-23 |
| Serial Number | N/A |
| Year | 2023 |
| Type | ATX12V |
| Test Date | 6/13/23 |

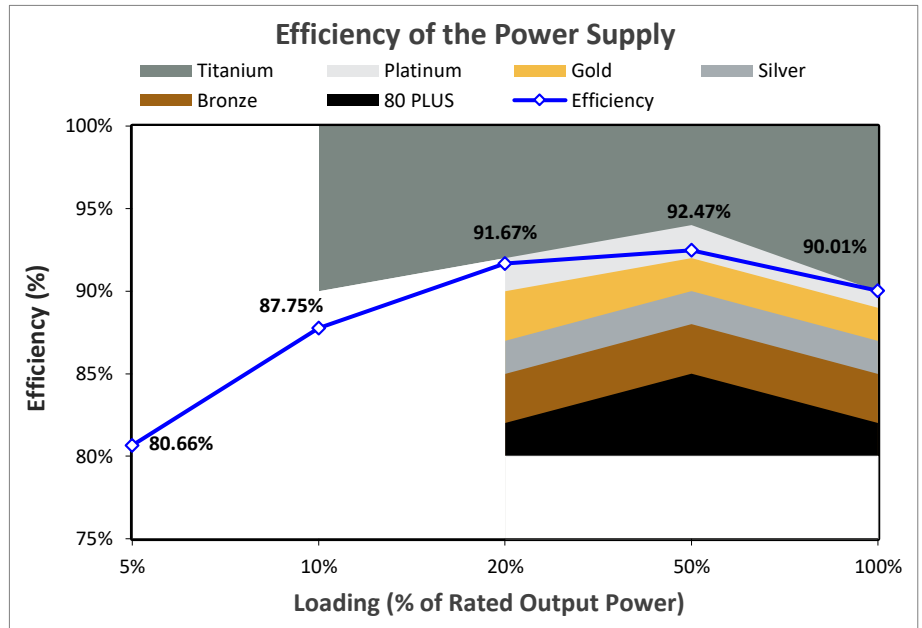
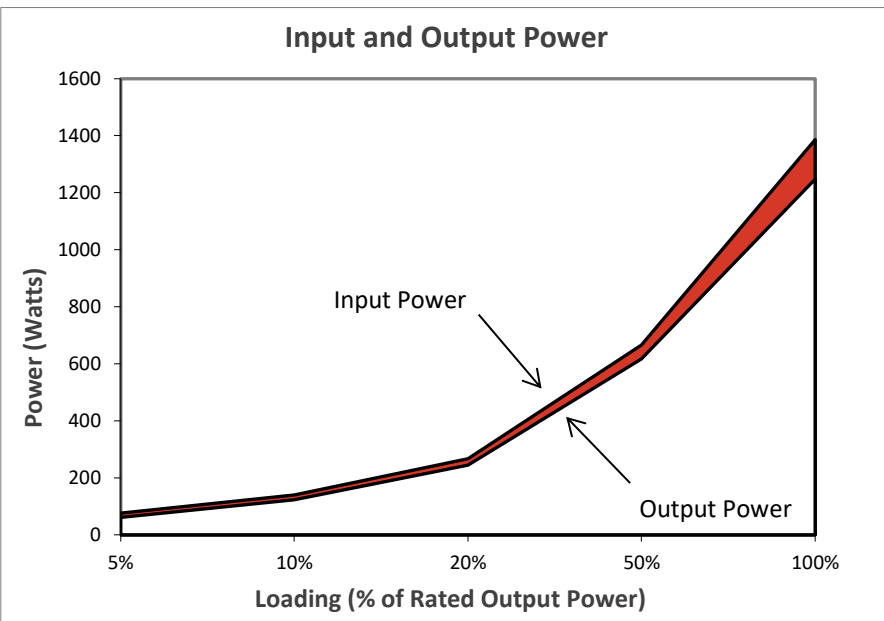
| Rated Specifications | Value | Units |
|----------------------|---------|-------|
| Input Voltage | 100-240 | Volts |
| Input Current | 15-7.5 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 1200 | Watts |

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



Input AC Current Waveform (ITHD = 11.61%, 50% Load)

| 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 |
| 0.141 | 0.1811 | 19.43 | 0% | 2.92 | No-Load | | | | | | |
| 0.846 | 0.7739 | 15.89 | 5% | 75.34 | 12.16/4.47 | 11.82/0.01 | 3.33/0.67 | 5.04/0.67 | 5.15/0.13 | 60.77 | 80.66% |
| 1.450 | 0.8358 | 10.26 | 10% | 139.29 | 12.19/8.96 | 11.82/0.03 | 3.32/1.35 | 5.03/1.35 | 5.14/0.27 | 122.23 | 87.75% |
| 2.558 | 0.9074 | 10.77 | 20% | 266.82 | 12.21/17.91 | 11.83/0.06 | 3.32/2.69 | 5.03/2.69 | 5.13/0.54 | 244.61 | 91.67% |
| 5.954 | 0.9726 | 11.61 | 50% | 666.11 | 12.3/44.84 | 11.83/0.13 | 3.32/6.72 | 5.03/6.72 | 5.11/1.34 | 615.96 | 92.47% |
| 12.166 | 0.9906 | 8.72 | 100% | 1386.26 | 12.52/89.5 | 11.85/0.27 | 3.32/13.4 | 5.02/13.43 | 5.06/2.68 | 1247.78 | 90.01% |



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/>