

80 PLUS Verification and Testing Report

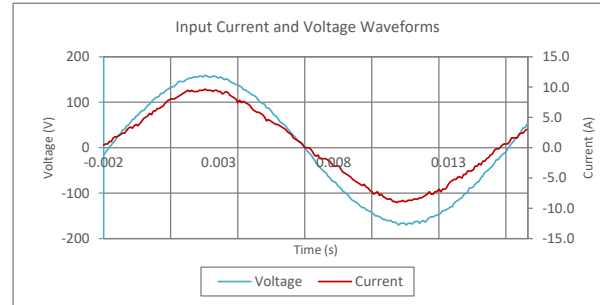
| | |
|---------------------------------------|---------------|
| TYPICAL EFFICIENCY (50% Load): | 92.91% |
| AVERAGE EFFICIENCY : | 91.80% |
| 80 PLUS COMPLIANT: | YES |



| | |
|----------------------|---------------|
| ID Number | 6298 |
| Manufacturer | ADATA |
| Model Number | CYBERCORE1300 |
| Serial Number | N/A |
| Year | 2021 |
| Type | ATX12V |
| Test Date | 1/13/21 |

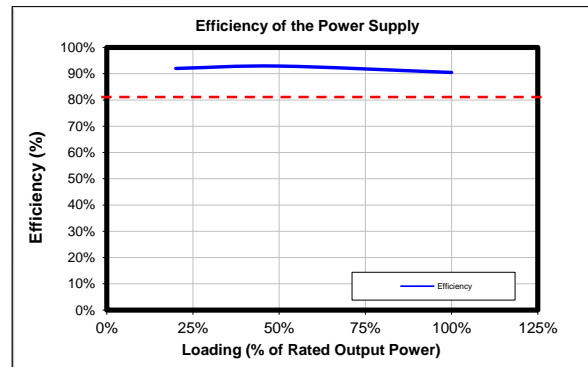
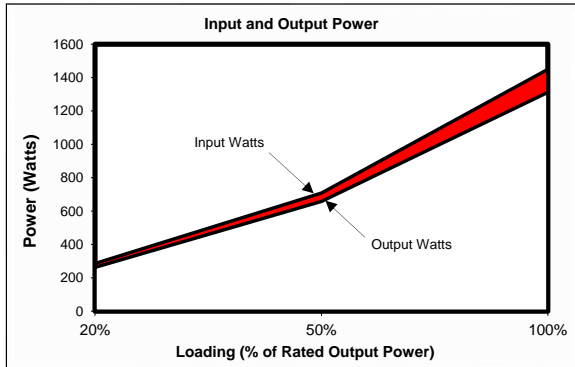
| Rated Specifications | Value | Units |
|---------------------------|-------------|--------------|
| Input Voltage | 100-240 | Volts |
| Input Current | 15 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 1300 | Watts |

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



Input AC Current Waveform (I_{THD} = 6.08%, 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 | | |
| 1.33 | 0.97 | 9.22% | 10% | 147.93 | 12.07/9.75 | 12.19/0.03 | 3.31/1.41 | 5.05/1.41 | 5.05/0.27 | 131.11 | 88.63% |
| 2.50 | 0.99 | 6.99% | 20% | 285.50 | 12.07/19.54 | 12.19/0.05 | 3.32/2.81 | 5.05/2.79 | 5.04/0.54 | 262.69 | 92.01% |
| 6.18 | 1.00 | 6.08% | 50% | 708.10 | 12.1/48.83 | 12.2/0.13 | 3.33/7.03 | 5.04/6.97 | 5.02/1.35 | 657.90 | 92.91% |
| 12.66 | 1.00 | 4.62% | 100% | 1449.60 | 12.1/97.38 | 12.23/0.27 | 3.31/14.07 | 5.03/13.92 | 5/2.69 | 1311.53 | 90.48% |



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/>