

80 PLUS Verification and Testing Report

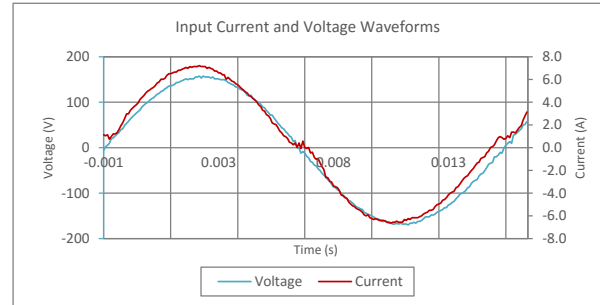
| | |
|---------------------------------------|---------------|
| TYPICAL EFFICIENCY (50% Load): | 94.30% |
| AVERAGE EFFICIENCY : | 93.57% |
| 80 PLUS COMPLIANT: | YES |



| | |
|----------------------|-------------------------------|
| ID Number | 5291 |
| Manufacturer | Corsair |
| Model Number | RPS0114 (CP-9020152) (AX1000) |
| Serial Number | R1803AAPC172003 |
| Year | 2018 |
| Type | ATX12V |
| Test Date | 5/10/18 |

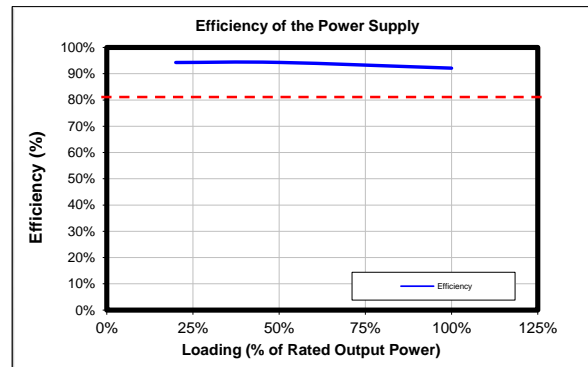
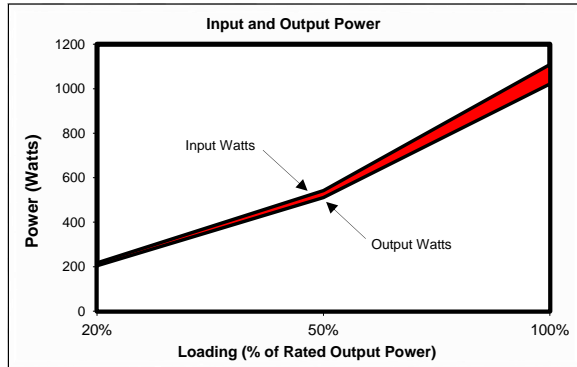
| Rated Specifications | Value | Units |
|---------------------------|-------------|--------------|
| Input Voltage | 100-240 | Volts |
| Input Current | 13-6.5 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 1000 | Watts |

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



Input AC Current Waveform (THD = 6.27%, 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 | | |
| 1.12 | 0.86 | 11.03% | 10% | 110.69 | 12.24/7.3 | 11.82/0.03 | 3.37/1.32 | 5.06/1.32 | 5.05/0.26 | 102.10 | 92.24% |
| 1.98 | 0.95 | 9.92% | 20% | 216.89 | 12.24/14.62 | 11.82/0.05 | 3.37/2.64 | 5.05/2.62 | 5.05/0.53 | 204.47 | 94.27% |
| 4.78 | 0.99 | 6.27% | 50% | 541.80 | 12.24/36.56 | 11.83/0.13 | 3.37/6.61 | 5.05/6.55 | 5.04/1.32 | 510.94 | 94.30% |
| 9.68 | 1.00 | 2.69% | 100% | 1108.60 | 12.24/73.08 | 11.84/0.26 | 3.36/13.24 | 5.05/13.09 | 5.03/2.63 | 1021.31 | 92.13% |



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/>

