

80 PLUS Verification and Testing Report

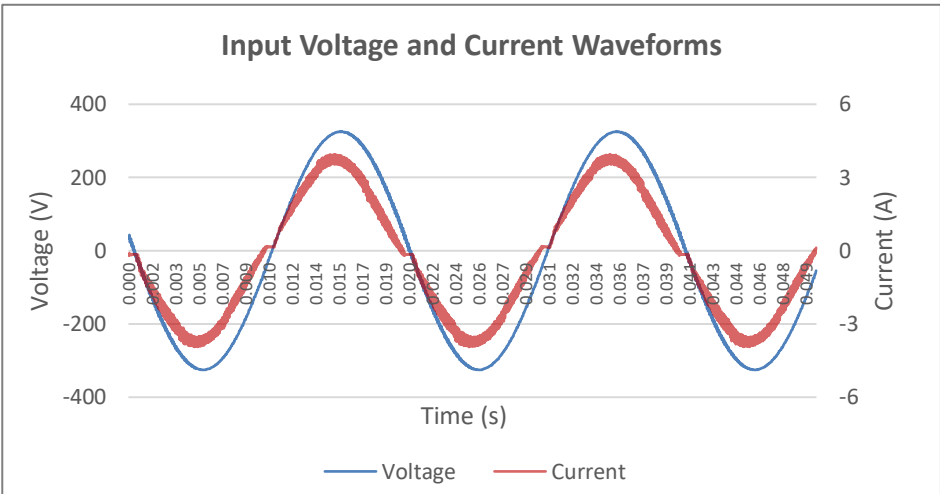
| | |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 90.13% |
| AVERAGE EFFICIENCY : | 87.72% |
| 80 PLUS COMPLIANT: | Bronze |



| | |
|---------------|---------------|
| ID Number | EU-1000 |
| Manufacturer | PCCOOLER |
| Model Number | P5-YK1000-B1H |
| Serial Number | N/A |
| Year | 2023 |
| Type | ATX12V |
| Test Date | 12/13/23 |

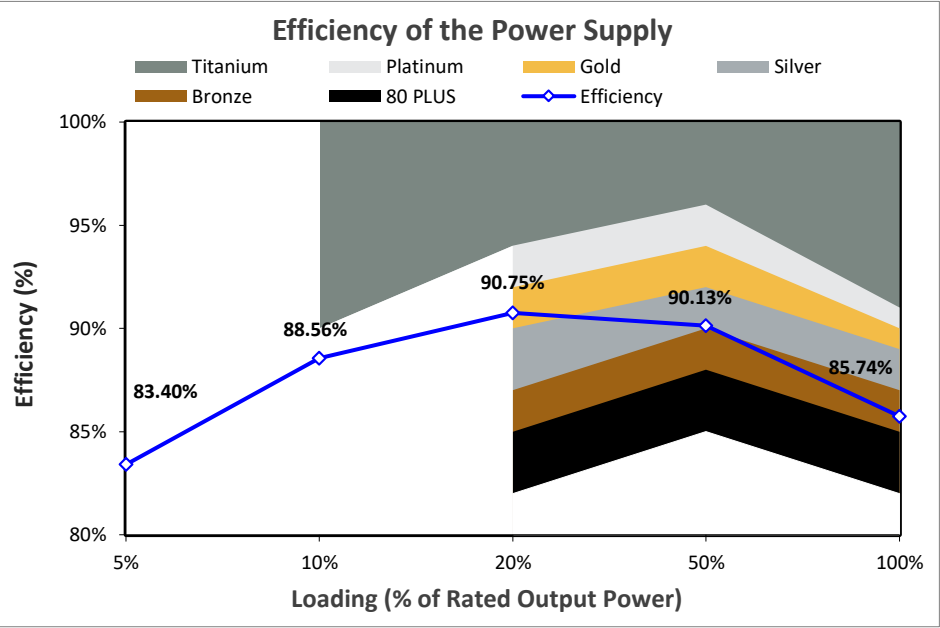
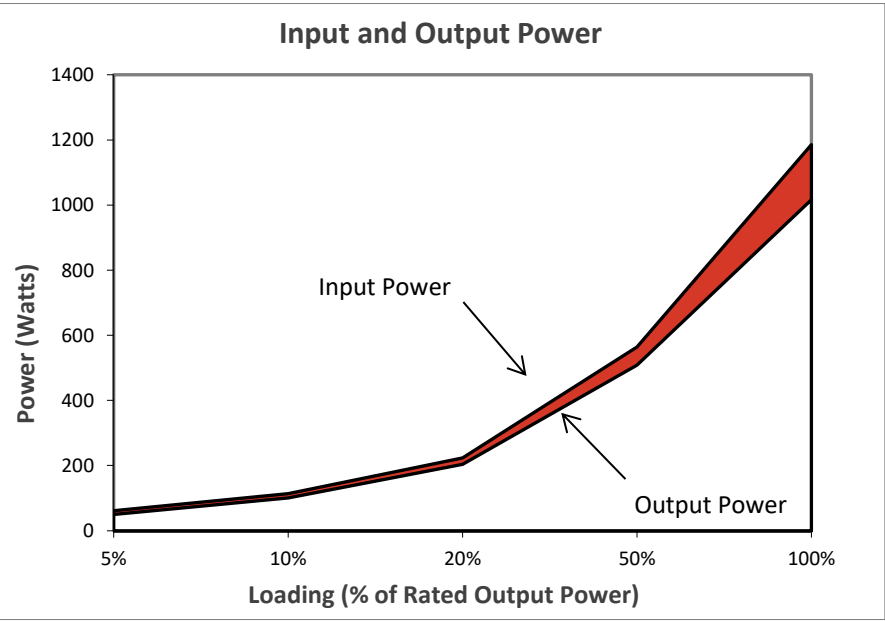
| Rated Specifications | Value | Units |
|----------------------|---------|-------|
| Input Voltage | 200-240 | Volts |
| Input Current | 6 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 1000 | Watts |

Note: All measurements were taken with input voltage at 230V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 8.13%, 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 | 5Vstb | | |
| 0.119 | 0.1665 | 22.01 | 0% | 4.54 | No-Load | | | | | | |
| 0.338 | 0.7825 | 19.86 | 5% | 60.90 | 12.18/3.72 | 11.92/0.014 | 3.36/0.54 | 5.13/0.54 | 5.13/0.135 | 50.79 | 83.40% |
| 0.556 | 0.8977 | 15.17 | 10% | 114.76 | 12.18/7.45 | 11.96/0.027 | 3.36/1.08 | 5.13/1.08 | 5.12/0.269 | 101.64 | 88.56% |
| 1.019 | 0.9554 | 11.62 | 20% | 224.04 | 12.19/14.9 | 12.02/0.054 | 3.36/2.16 | 5.12/2.16 | 5.1/0.538 | 203.32 | 90.75% |
| 2.492 | 0.9850 | 8.13 | 50% | 564.44 | 12.21/37.24 | 12.2/0.135 | 3.35/5.41 | 5.09/5.41 | 5.04/1.346 | 508.75 | 90.13% |
| 5.182 | 0.9946 | 4.69 | 100% | 1185.32 | 12.22/74.47 | 12.57/0.269 | 3.29/10.81 | 5.03/10.81 | 4.94/2.691 | 1016.33 | 85.74% |



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/>