

## 80 PLUS Verification and Testing Report

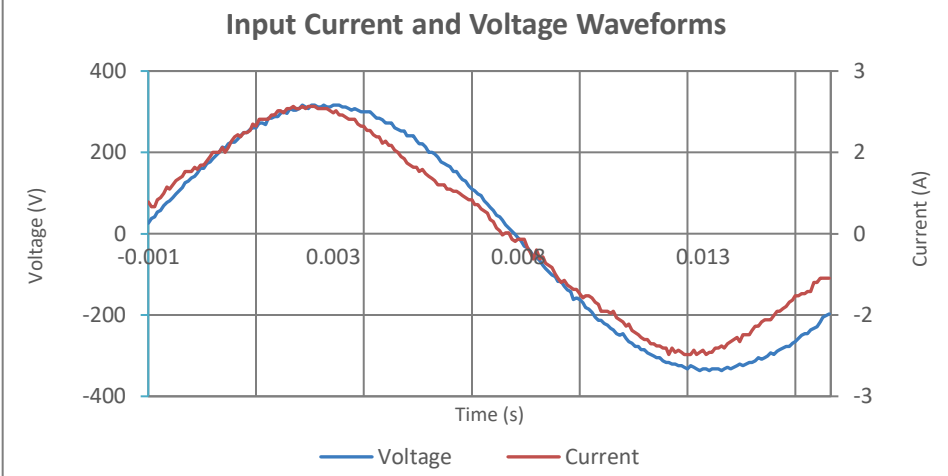
|                                |          |
|--------------------------------|----------|
| TYPICAL EFFICIENCY (50% Load): | 87.74%   |
| AVERAGE EFFICIENCY :           | 85.33%   |
| 80 PLUS COMPLIANT:             | Standard |



|               |               |
|---------------|---------------|
| ID Number     | EU-913        |
| Manufacturer  | Cooler Master |
| Model Number  | MPW-6001-ACBW |
| Serial Number | N/A           |
| Year          | 2022          |
| Type          | ATX12V        |
| Test Date     | 8/8/22        |

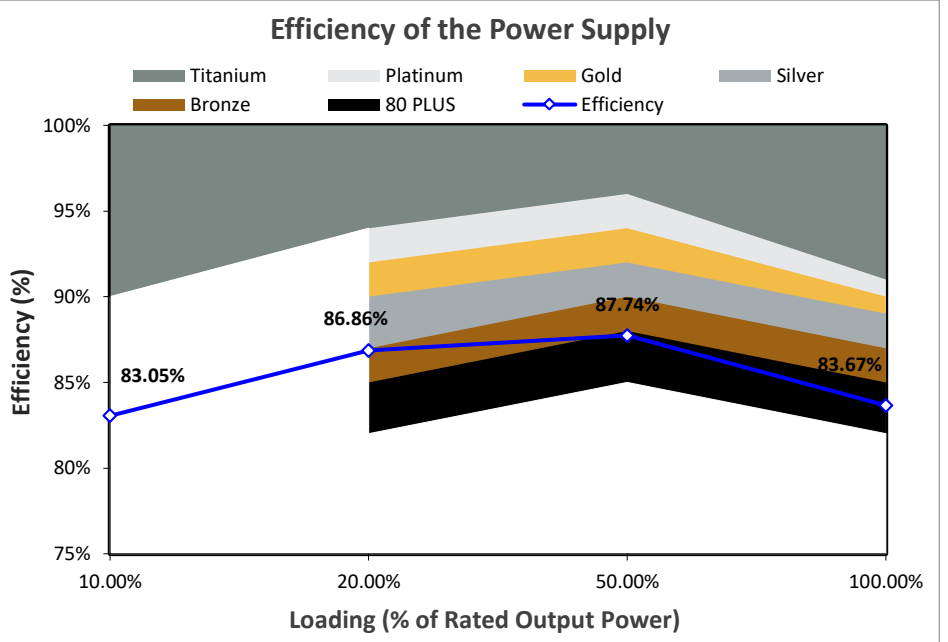
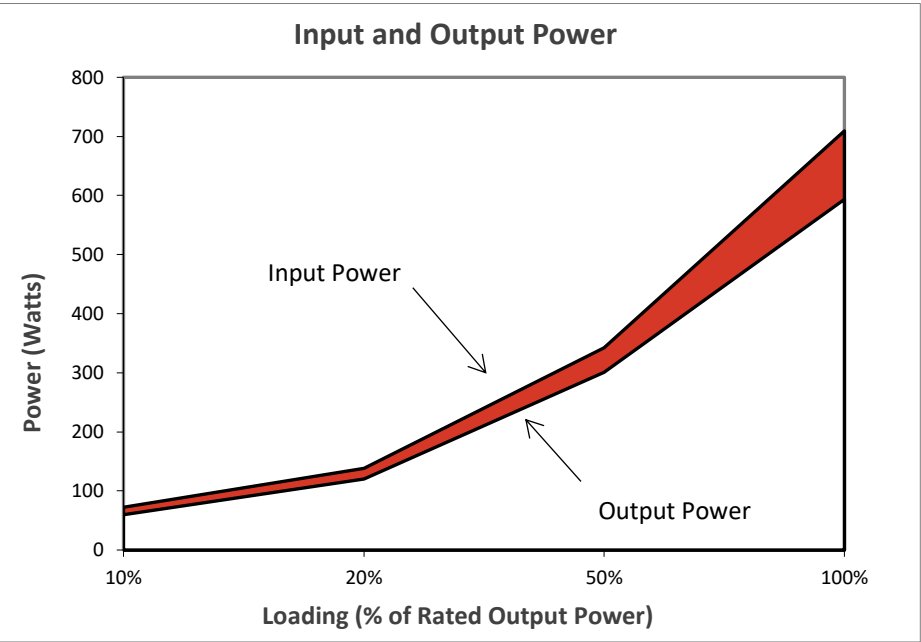
| Rated Specifications | Value   | Units |
|----------------------|---------|-------|
| Input Voltage        | 200-240 | Volts |
| Input Current        | 4.5     | Amps  |
| Input Frequency      | 47-63   | Hz    |
| Rated Output Power   | 600     | Watts |

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



Input AC Current Waveform (ITHD = 7.86%, 50% Load)

| I <sub>RMS</sub> | PF     | I <sub>THD</sub> | Load | Input<br>Watts | DC Terminal Voltage (V)/ DC Load Current (A) |            |            |            |           | Output<br>Watts | Efficiency |
|------------------|--------|------------------|------|----------------|----------------------------------------------|------------|------------|------------|-----------|-----------------|------------|
|                  |        |                  |      |                | 12V (cumulative of 12V1, 12V2, etc.)         | -12V       | 3.3V       | 5V         | 5Vstb     |                 |            |
| 0.378            | 0.8328 | 47.60%           | 10%  | 72.43          | 11.94/4.08                                   | 11.63/0.03 | 3.4/1.25   | 5.15/1.12  | 5.08/0.22 | 60.16           | 83.05%     |
| 0.633            | 0.9487 | 21.62%           | 20%  | 138.05         | 11.89/8.17                                   | 11.59/0.05 | 3.37/2.5   | 5.13/2.24  | 5.06/0.44 | 119.91          | 86.86%     |
| 1.502            | 0.9910 | 7.86%            | 50%  | 342.30         | 11.93/20.45                                  | 11.79/0.13 | 3.37/6.26  | 5.1/5.55   | 5.02/1.11 | 300.35          | 87.74%     |
| 3.121            | 0.9880 | 12.77%           | 100% | 709.30         | 11.91/40.69                                  | 12.29/0.03 | 3.34/12.53 | 5.05/11.09 | 4.94/2.21 | 593.48          | 83.67%     |



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/>