

# POWER EVOLVED



Introducing the G Gold V2, the evolutionary next step in Cooler Master power and the ATX 3.1 upgrade to our G Gold PSU. With features such as 80 Plus Gold efficiency, a DC-to-DC + LLC circuit design, and a quiet HDB fan cooling, the V2 provides valuable performance in multiple dimensions.

Several changes and additions improve the overall user experience. Together, these design choices deliver an advanced PSU that is highly efficient and reliable. With an embossed cable, exceptional temperature resilience and a 5-year warranty, the G Gold V2 will evolve your machine.

## G Gold 550 V2

**Quiet HDB fan:** A hydrodynamic bearing fan delivers long-lasting quiet and effective cooling.

**80 Plus Gold efficiency certification:** This unit is certified to achieve more than 90% efficiency at typical loads in a 115V test.

**High temperature resilience:** A 40°C maximum operating temperature allows for pushing your machine to the limits with overclocking and other high-intensity applications.

**Embossed cable:** An embossed cable texture provides a softer and overall improved grip with a pleasing aesthetic.

**ATX 3.1 support:** Compliant with ATX 3.1 to fully support a peak power 1.5 times higher than the rated maximum wattage, this unit is ideal for use with the 40 series GPUs.

**Single +12V rail:** All power comes from a single +12V source, ensuring consistent output through all connected cables.

**DC-to-DC technology:** The DC-DC circuit design offers reliable, stable output to all connected components.

**2 EPS Connectors:** Two 4-pin EPS connectors are included for universal compatibility with current-gen motherboards.

**5-year warranty:** This unit comes with a standard limited manufacturing warranty of 5 years from the date of purchase.



# FEATURE HIGHLIGHTS



## Quiet HDB fan

A hydrodynamic bearing fan delivers long-lasting quiet and effective cooling.



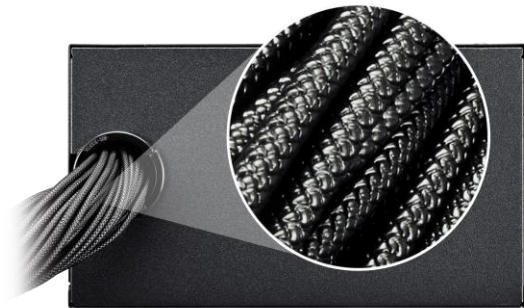
## High temperature resilience

A 40°C operating temperature allows for pushing your machine to the limits.



## 80 Plus Gold efficiency certification

Certified to achieve more than 90% efficiency at typical loads in a 115V test.



## Embossed cable

An embossed cable texture provides a softer and overall improved grip with a pleasing aesthetic.



## 5-year warranty

This unit comes with a standard limited manufacturing warranty of 5 years from the date of purchase.



## ATX 3.1 support

After passing the ATX 3.1 peak power test, this unit is 40 series ready.

## SPECIFICATIONS

|                        |   |                         |  |  |
|------------------------|---|-------------------------|--|--|
| Product Name           | G Gold 550 V2   |                         |  |  |
| Item Code              | MPE-5502-ACAAG  |                         |  |  |
| ATX Version            | ATX 12V Ver. 3.1  |                         |  |  |
| PFC                    | Active PFC  |                         |  |  |
| Input Voltage          | 100 - 240V  |                         |  |  |
| Input Current          | 8 - 4A  |                         |  |  |
| Input Frequency        | 50 - 60Hz   |                         |  |  |
| Dimensions (L x W x H) | 140 x 150 x 86mm  |                         |  |  |
| Fan Size               | 120 mm  |                         |  |  |
| Fan Bearing            | HDB   |                         |  |  |
| Efficiency             | ≥ 90% @ Typical Load  |                         |  |  |
| 80 PLUS Rating         | 80 PLUS Gold  |                         |  |  |
| ErP 2014 Lot 3         | Yes   |                         |  |  |
| Operating Temperature  | 0 ~ 40°C  |                         |  |  |
| Power Good Signal      | 100 - 150ms   |                         |  |  |
| Hold Up Time           | ≥ 16ms  |                         |  |  |
| MTBF                   | >100,000 hours @ 25°C ambient   |                         |  |  |
| Protections            | UVP / OVP / OPP / OCP / OTP / SCP   |                         |  |  |
| Regulatory             | cTUVus, TUV, CE, FCC, BSMI, CCC, EAC, RCM, UKCA, RoHS2.0 / BIS, KC (based on region's request.) |                         |  |  |
| Connectors             | ATX 24 Pin  | x1 = 1x (500mm)         |  |  |
|                        | EPS 8 Pin / 4+4 Pin   | x2 = 1x (550+120mm)     |  |  |
|                        | SATA  | x6 = 2x (400+150+150mm) |  |  |
|                        | Peripheral 4 Pin  | x3 = 1x (400+150+150mm) |  |  |
|                        | PCI-e 6+2 Pin   | x2 = 1x (500+120mm)     |  |  |

|             |                            |     |        |      |        |
|-------------|----------------------------|-----|--------|------|--------|
| AC INPUT    | 100-240V~ 8 - 4A 50 - 60Hz |     |        |      |        |
| DC OUTPUT   | +3.3V                      | +5V | +12V   | -12V | +5Vstb |
|             | 20A                        | 20A | 45.8A  | 0.3A | 3A     |
| TOTAL POWER | 120W                       |     | 549.6W | 3.6W | 15W    |
|             | 550W                       |     |        |      |        |

## PACKING INFORMATION

| Cable Type        | EAN           | UPC          |
|-------------------|---------------|--------------|
| MPE-5502-ACAAG-US | 4719512144152 | 884102116476 |
| MPE-5502-ACAAG-UK | 4719512144169 | 884102116483 |
| MPE-5502-ACAAG-EU | 4719512144176 | 884102116490 |
| MPE-5502-ACAAG-ST | 4719512144183 | 884102116506 |
| MPE-5502-ACAAG-AU | 4719512144190 | 884102116513 |
| MPE-5502-ACAAG-BR | 4719512144206 | 884102116520 |
| MPE-5502-ACAAG-KR | 4719512144213 | 884102116537 |
| MPE-5502-ACAAG-TW | 4719512144220 | 884102116544 |
| MPE-5502-ACAAG-JP | 4719512144237 | 884102116551 |
| MPE-5502-ACAAG-IN | 4719512144244 | 884102116568 |

|                    |   |
|--------------------|---|
| Net Weight         | 1.45 kg / 3.196 lb                        |
| Gross Weight       | 1.85 kg / 4.080 lb                        |
| Package Dimensions | 245 x 190 x 110mm (9.65 x 7.48 x 4.33")   |
| Carton Dimensions  | 570 x 260 x 215mm (22.44 x 10.24 x 8.46") |
| Unit / Carton      | 5 pcs                                     |
| Carton / Pallet    | 32 pcs                                    |

- All images and descriptions are solely for example purposes.
- Specifications, features, and prices are subject to change without notice.
- Specifications, appearances, and features may vary by model and region. Please refer to official specification pages for full details.
- Unless otherwise stated, all performance claims are based on theoretical performance. Actual figures may vary in real-world situations.
- Any configuration other than original product configuration is not performance guaranteed.