

# G-POWER<sup>2</sup>

GH-PSU22-PC

## Installation Guide



The cooler fan speed levels provided are for reference use only. Please refer to the motherboard BIOS to verify actual fan speed levels.

The followings are not covered by the warranty:

1. Use the product incorrectly or in a manner other than the designed purpose.
2. Nonobservance of the proper operation. (e.g. over-clocking)
3. Malfunction due to interference from other devices.
4. Unauthorized modification of the product.
5. Malfunction due to unfit specifications on Motherboard.
6. Malfunction arising from casualties ( earthquake, thunder, fire, and flood ).
7. The product's warranty label has been removed or damaged.
8. The devices inside, including power supply, hard disk, CD-ROM drive, motherboard, cooler, etc. are not detached from the chassis prior to the transportation of the computer product, resulting in damage to the cooler or computer-related devices.
9. Any damage caused by nonobservance of the installation instruction contained in this manual.

### Features

1. Universal design, supports LGA775 & AMD K8 / AM2 platform.
2. Curve design combines CPU and MOSFET cooling together.
3. 9CM silent fan with PWM function, highest fan speed can reach 2300RPM.
4. Highly heat conducting heat pipe, provides extreme cooling performance.
5. Pure copper base with aluminum fin, extra large heat dissipation area allows heat been carried away faster.
6. Hassle-free installation.

### Specification

Dimension : 102 x 122 x 139 mm  
 Fan Dimension : 90 x 90 x 25 mm  
 Heat Pipe : 3  
 Base Material : Copper  
 Fin Material : Aluminum  
 Rated Voltage : 12 V  
 Rated Current : 0.2 Amp  
 Fan Speed : 2,300 rpm  
 Noise Level : 25dBA  
 Bearing Type : EBR  
 Fan Life Expectancy : 30,000 hr

### Compatible CPU

Intel® Core™ 2 Extreme Processor Series  
 Intel® Core™ 2 Quad Processor Series  
 Intel® Core™ 2 Duo Processor Series  
 Intel® Pentium® Extreme Edition Series  
 Intel® Pentium® D Processor Series  
 Intel® Pentium® 4 Processor Series (LGA775)  
 AMD AM2  
 AMD Athlon™ FX Series  
 AMD Athlon™ 64x2 Series  
 AMD Athlon™ 64 Series  
 AMD Sempron Series

### Accessories



AMD K8 / AM2 Clip



AM2/K8 Bracket



LGA775 Bracket



screws x 2



Thermal grease

## LGA 775 Platform Installation

### STEP 1



Apply some thermal grease on the CPU properly.

**Caution:** Before installation, please turn off the power, unplug the power cord, and be sure to remove the sticker from the bottom of the cooler unit.

### STEP 2



Place the 775 bracket between the copper base and the cooler unit. Align the holes of the bracket with the holes of the copper base. Secure the 775 bracket with supplied bracket screws. Make sure the screws are evenly and firmly fastened.

### STEP 3



Figure A

Before installation, please make sure the pin is on the right direction. (as Figure A)



Figure B

To remove the cooler, turn the four pins to the removing direction and pull them up.(as Figure B)

### STEP 4



Align the pin of the cooler with the hole of the CPU on the motherboard and push down the pin diagonally. Please make sure the four pins are firmly secured.

### STEP 5



Plug the 4-pin connector of the cooler into the motherboard's CPU fan socket.

## AMD K8 / AM2 Platform Installation

### STEP 1



Apply some thermal grease on the CPU properly.

**Caution:** Before installation, please turn off the power, unplug the power cord, and be sure to remove the sticker from the bottom of the cooler unit.

### STEP 2



Place the AM2/K8 Bracket between the copper base and the cooler unit. Align the holes of the bracket with the holes of the copper base. Secure the AM2/K8 Bracket with supplied bracket screws. Make sure the screws are evenly and firmly fastened.

### STEP 3



Lock the tab on one side of AMD K8 / AM2 clip in the salient point of the CPU cooler.

### STEP 4



Lock the tab on the other side of AMD K8 / AM2 clip in the salient point of the CPU cooler bracket; push down and secure the bar on the clip firmly.

### STEP 5



Plug the 4-pin connector of the cooler into the motherboard's CPU fan socket.