



## Silent Pro Gold 800W

(RS-800-80GA-D3)



### ► Introduction

Cooler Master offers another extensive range of power supplies that allows for a perfect fit for end users. Silent Pro Gold Series – a brand new lineup of power supplies that meet the 80Plus Gold Standard with over 90% power efficiency. Using patented technologies such as Heat Transfer Technology™ (HTT), Hyper Path™ and Hybrid Transformers™, the Silent Pro Gold sets a new standard in PSU excellence.

[Win Real Gold, HAF X GOLD & More at gold.coolermaster.com](http://gold.coolermaster.com)

Celebrating Cooler Master's 80 Plus Gold certified power supply, Silent Pro Gold, Cooler Master presents a Trade-in a Friend for Gold interactive online game. It tests your willingness to give up a friend for a chance to win real gold, HAF X GOLD and thousands of dollars in prizes. You can also win by entering your Silent Pro Gold serial number.

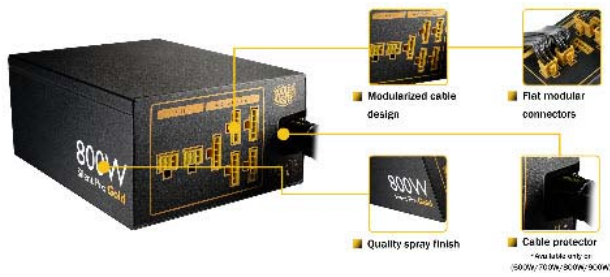


### ► Features

- Heat Transfer Technology™ :  
A unique "L-shaped" heat-sink to remove heat from the PSU
- Hybrid Transformer™ :  
Unique design that combines heat-sink with transformer
- Hyper Path™ :  
Places IC close to transformers leading to huge efficiency ratings
- Flat modularized cables provide easy cable management leads to better airflow
- Compliance with the latest Intel standard ATX 12V V2.3
- Operation with intelligent fan speed control
- High reliability (MTBF> 100,000 hours)
- Double Layer EMI Filter retracts noise and to avoid affect to users
- Integrating Active PFC with PWN combo controller while increase efficiency
- Multiple protection design (OVP/UEP/OPP/OTP/SCP/OCP)
- Japanese-made capacitors
- Single +12V rail up to 98A
- Five-year warranty

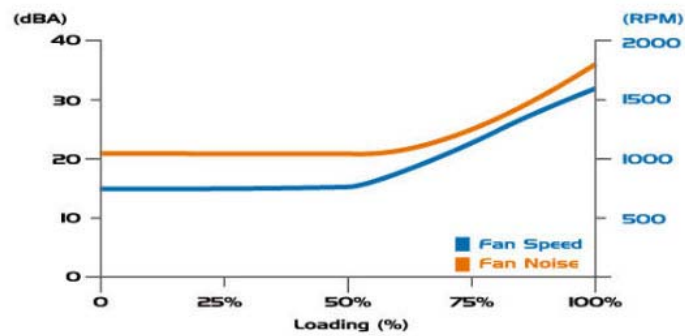
## Product Highlights

### Exterior

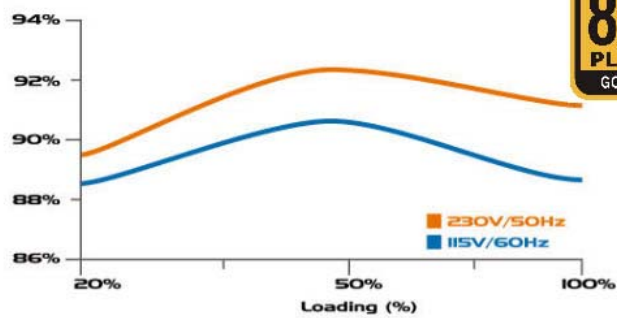


## More Highlights

### Fan Control and Noise Level



## High Efficiency



## Close-up

### Control Board



Multiple protections

### Single Rail Design



Single 12V rail, up to 98A

### VRM Control



Transferring to 5V & 3.3V

### Hybrid Heatsink



Switching Mosfet

### Bulk Capacitors



Japan-made Capacitors

## Connectors



CPU 4+4 Pin x 1



Motherboard 20+4 Pin x 1



SATA Cable x 9



Floppy 4 Pin x 1



PCI-e 6 Pin x 3 /  
PCI-e 6+2 Pin x 3



Peripheral 4 Pin x 4

## AC Input / DC Output

AC Input	100-240V~ 9-4.5A 60-50Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
	22A	25A	65A	0.3A	3.5A
Total Power	150W		780W	3.6W	17.5W
	800W				

## Specifications

Model	RS-800-80GA-D3
Type	Intel Form Factor ATX 12V V2.3 SSI Form Factor EPS 12V V2.92
Dimension (W / H / D)	150 X 160 X 86 mm 5.9 x 6.29 x 3.4 inch
Input Voltage	90-264Vac (Auto Range)
Input Current	9 - 4.5A
Input Frequency Range	47-63Hz
PFC	Active PFC (0.99)
Power Good Signal	100-500ms
Hold Up Time	>17ms
Efficiency	90% typical
MTBF	>100,000 hours
Protection	OVP / UVP / OCP / OPP / OTP / SCP
Output Capacity	800W

<b>Max. Output Capacity</b>	960W
<b>Operation Temperature</b>	0~40°C (Nominal Input Voltage)
<b>Regulatory</b>	CE / FCC / UL / TUV / C-Tick / GOST / BSMI / CCC / KCC
<b>Fan</b>	120mm Ultra Silent Fan
<b>Certifications</b>	SLI / CrossFire / 80 Plus Gold
<b>Connector</b>	M/B 20 + 4 pins x 1 CPU 4 + 4 pins x 1 PCI-e 6+2 pins x 3 / PCI-e 6 pins x 3 (One PCI-e 6+2 pins connector extends to one PCI-e 6 pins connector) SATA x 9 / Peripheral 4 pins x 4 Floppy 4 pins x 1