

## General Features

- Protection features:
  - Over Power Protection (OPP)
  - Over Voltage Protection (OVP)
  - Short Circuit Protection (SCP)
- Supports latest Intel & AMD Processors
- Supports Vista System
- Supports Serial ATA Interface
- MTBF > 100,000 hours at 25°C
- RoHS compliant

## Power Distribution

Dimension	L160 x W150 x H86mm
Specification	ATX12V
Input Voltage	100~240V (90~264Vac)

Model	+3.3V	+5V	+12V1	+12V2	-12V	+5Vsb	Total Power
M12II-500 Bronze	24A	24A	17A	18A	0.8A	2.5A	500W
	130W		420W		9.6W	12.5W	



## Wire Configuration

Cable	Main Power (20 / 24P)	ATX12V (4P)	EPS12V (8P)	Peripheral (4P)	SATA	FDD(4P) (Y-adapter)	PCI-E (6P)	PCI-E (6P / 8P)
Model								
M12II-500 Bronze	1	1	1	8	6	2	1	1



specification may change without prior notice

The Ultimate Modular Power Supply

# M12II

## Bronze

MODULAR 12CM FAN SERIES

### 500W



Green Innovation Powers Your Life



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**Seasonic**  
Since 1975

## Special Features



### Super High Efficiency [up to 87%]

Green solution for reducing energy consumption, noise and heat.



### Highly Reliable 105°C Japanese Brand Capacitors

Exceptionally reliable components extend product life.



### Ample +12V Outputs

Enhanced +12V current capability broadens utilization possibilities.



### Active Power Factor Correction [99% PF Typical]

Reduces line loss and power distortion.



### Double Forward Converter Design

Advanced topology for high efficiency.



### Smart & Silent Fan Control [S<sup>2</sup>FC]

Intelligent thermal control balances between noise and cooling.



### 12cm Ball Bearing Cooling Fan

Increases airflow & lifetime and reduces rotation speed & noises.



### Soft-Mount Rubber Cushions

Reduce fan rotation and vibration noise.



### Universal Video Card Support

Supports new PCI-E video card technologies.



### All-in-One DC Cabling Design

Supports PC, IPC, workstation and server systems.



### Detachable Modular Cables

Flexible cable solution to reduce clutter.



### Patented Easy Swap Connectors

Unplug the connectors easily, quickly and safely.



### Universal AC Input [Full Range]

Plug and run safely anywhere around the world.



### Ultra Ventilation [Honeycomb Structure]

Minimizes airflow resistance for maximum cooling.



### 3 Year Warranty

Our commitment to superior quality.



120mm Double Ball Bearing Cooling Fan



Flexible Modular Cables



High Quality 105°C CAP



Honeycomb Structure



Advanced Circuit Design

## Meets 80 PLUS® Bronze Requirements



The M12II Bronze Series surpasses 82%, 85% and 82% of energy consumption efficiency at 20%, 50% and 100% operating loads respectively. Combined with a true power factor of 0.99(typical), the M12II Bronze Series reduces energy consumption for computer system significantly.

### • Super High Efficiency

Reduces energy consumption and component stress and improves PC reliability.

### • Optimized Energy Utilization

0.99(typical) power factor reduces current demand and power distortion.

### • Super Silent

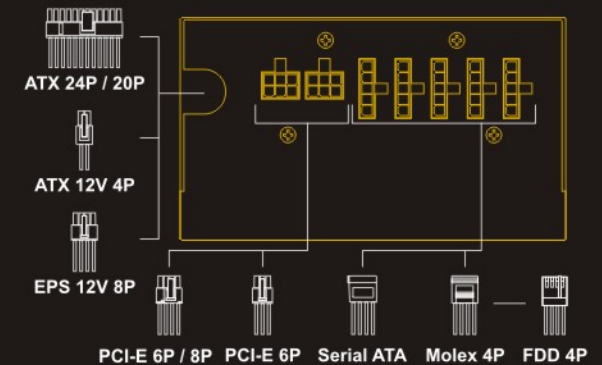
Reduces heat and noise to maximize cooling and silence.

## High Quality Modular Power Supplies



The Seasonic M12II Bronze power supplies are double forward converter circuit design populated with high quality 105°C capacitors to further enhance performance, efficiency and reliability.

## Wire Set & Cable Configuration



The modular cable design makes cable management easier than ever so that users can easily meet their exact system needs.

