

General Specification

- Complies with the latest ATX12V & EPS12V
- Supports P4 Prescott & Athlon 64/64 FX
- MTBF > 100,000 hours @ 25°C
- Power supply size [l * w * h] :
150 * 160 * 86 mm [5.9" * 6.3" * 3.4"]
- PFC harmonics compliance: EN61000-3-2 : 2000
- Supports Serial ATA interface
- Short Circuit Protection
- Over Voltage Protection
- Over Power Protection
- RoHS compliant



Power Distribution

| Model | +3.3V | +5V | +12V1 | +12V2 | +12V3 | +12V4 | -12V | +5Vsb | Total Power |
|---------|-------|-----|-------|-------|-------|-------|------|-------|-------------|
| M12-500 | 24A | 30A | 18A | 18A | 18A | 18A | 0.8A | 3A | 500W |
| | 170W | | 38A | | | | | | |
| M12-600 | 24A | 30A | 18A | 18A | 18A | 18A | 0.8A | 3A | 600W |
| | 170W | | 48A | | | | | | |
| M12-700 | 24A | 30A | 18A | 18A | 18A | 18A | 0.8A | 3A | 700W |
| | 170W | | 56A | | | | | | |



Wire Configuration



PCI EXPRESS

| Model | Connector | Main Power 24P / 20P | ATX12V 4P | EPS12V 8P | Peripheral 4P | SATA | FDD 4P | PCI-E 6P |
|--------------|-----------|----------------------|-----------|-----------|---------------|------|--------|----------|
| M12-500/ 600 | | 1 | 1 | 1 | 10 | 8 | 2 | 2 |
| M12-700 | | 1 | 1 | 1 | 10 | 8 | 2 | 4 |

specification may change without prior notice

M12

MODULAR 12CM FAN SERIES



Green Innovation Powers Your Life

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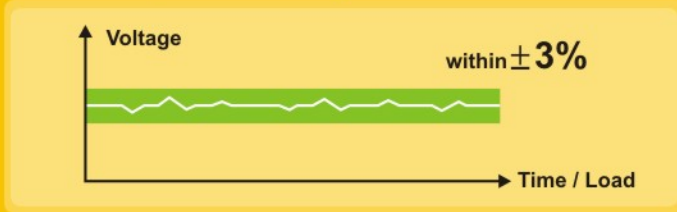
True Quality Flexible Modular Design
for Gamers & PC Enthusiasts

Seasonic®
Since 1975

Performance



Dual Magnetic Amplifiers [Mag-Amp]
Cross regulation tolerance on +12V lines are improved from standard 5% to 3% for optimized stability.



Double Forward Converter Design
Advanced topology for highest efficiency.



Multiple +12V Outputs
Enhanced +12V current capability broadens utilization possibilities.



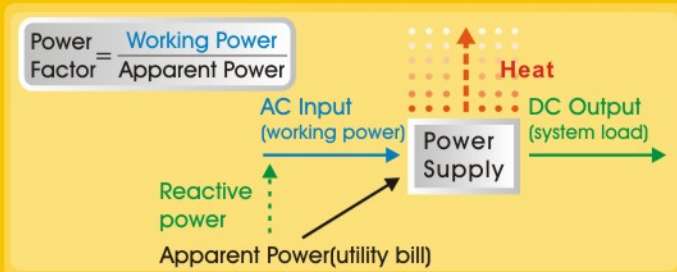
High Reliability Aluminum Electrolytic Capacitors
Top quality components increase product life & reliability.



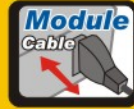
Super High Efficiency [up to 85%]
Optimal solution for lower energy consumption, noise & heat.



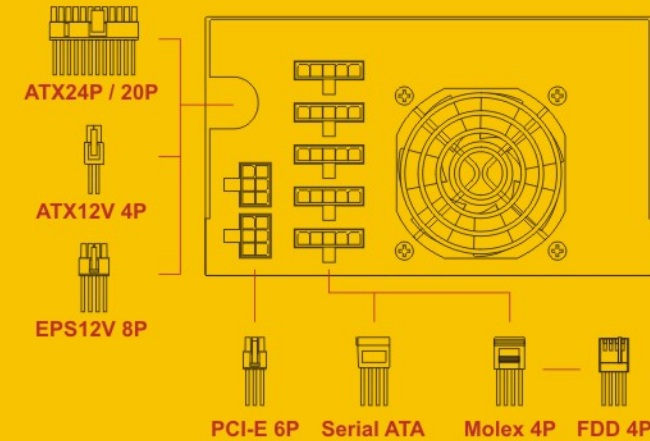
Active Power Factor Correction [99% PF]
Reduces line loss & power distortion.



Flexibility



Detachable Modular Cables
Use precisely the cables you need, enhance system airflow and minimize clutter.



All in One DC Cabling Design
Supports PC, IPC, workstation, server, & dual CPU systems.



Universal Video Card Support
Supports all multiple PCI-E video cards technologies.



Patented Easy Swap Connector
Unplug the connectors easily & quickly.



Universal AC Input [Full Range]
Plug & run safely anywhere in the world.

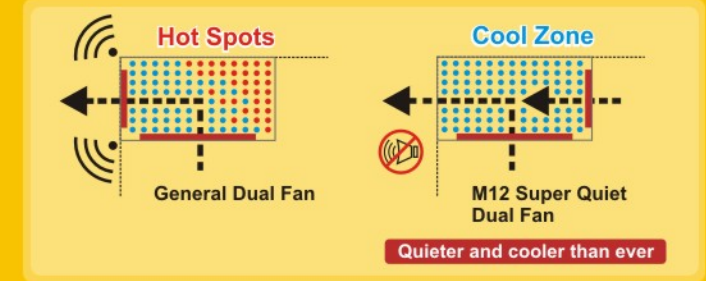


3 Year Warranty
Our commitment to superior quality.

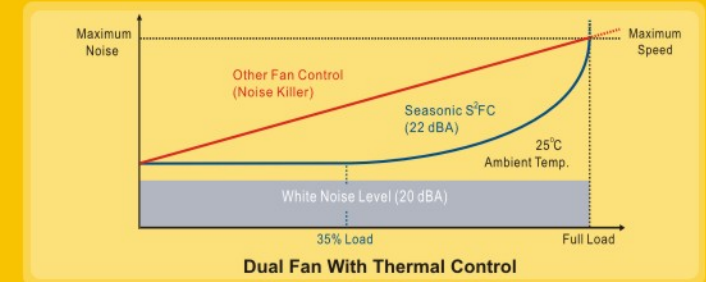
Silence



Super Quiet Dual Fan Cooling
Reduces hot spots & improves cooling while remaining super quiet.
Note: The 6cm fan will only function when necessary.



Smart & Silent Fan Control [S²FC]
Smart thermal control to balance noise & cooling.



12cm Ball Bearing Cooling Fan
Increases airflow & lifetime and reduces rotation speed and noise.



Soft-Mounting Rubber Cushions
Reduces fan rotation & vibration noises.



Ultra Ventilation [Honey Comb Structure]
Minimized airflow resistance for maximum cooling.

