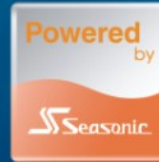


General Specification

- Complies with the newest ATX12V & EPS12V
- Supports Pentium 4 Prescott & Athlon 64/64 FX
- MTBF > 100,000 hours @25°C
- Power supply size [l * w * h] :
150 * 140 * 86 mm [5.9" * 5.5" * 3.4"]
- PFC harmonics compliance: EN61000-3-2
- Supports Serial ATA interface
- Short Circuit Protection
- Over Voltage Protection
- Over Power Protection
- RoHS compliant



Power Distribution

Model	+3.3V	+5V	+12V1	+12V2	-12V	+5Vsb	+3.3V & +5V	Total Power
S12-330	20A	20A	8A	14A	0.8A	2A	120W	330W
S12-380	22A	21A	10A	15A	0.8A	2A	130W	380W
S12-430	30A	30A	14A	15A	0.8A	2A	150W	430W



Model	+3.3V	+5V	+12V1	+12V2	-12V	+5Vsb	+3.3V & +5V	Total Power
S12-500	30A	30A	17A	16A	0.8A	2A	180W	500W
S12-600	30A	30A	18A	18A	0.8A	2A	180W	600W



Wire Configuration

Model	Connector	Main Power 20/24P	ATX12V 4P	EPS12V 8P	Peripheral 4P	FDD 4P	SATA	PCI-E 6P
S12-330		1	1	0	6	2	4	1
S12-380		1	1	0	6	2	4	1
S12-430		1	1	1	6	2	4	1
S12-500		1	1	1	9	2	6	2
S12-600		1	1	1	9	2	6	2

specification may change without prior notice

S12

SILENT 12CM FAN SERIES



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*For performance, gaming
and silence enthusiasts*

Seasonic
Since 1975

Performance



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



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



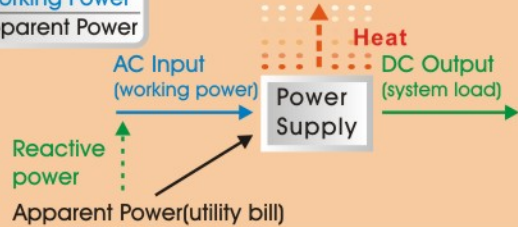
Super High Efficiency [up to 80%]
Optimal solution for lower energy consumption, noise & heat.

$$\text{Efficiency} = \frac{\text{DC Output}}{\text{AC Input}}$$



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

$$\text{Power Factor} = \frac{\text{Working Power}}{\text{Apparent Power}}$$



Forward Converter Circuit Design
Advanced design for high reliability & efficiency.

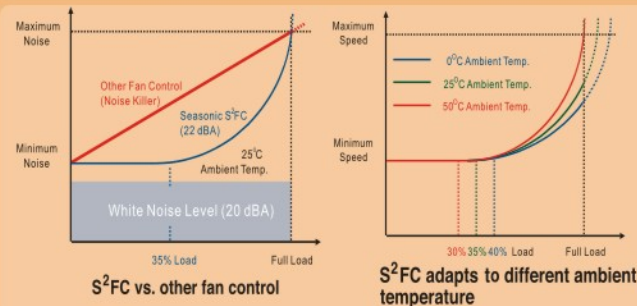


Universal AC Input [Full Range]
Plug & run safely anywhere in the world.

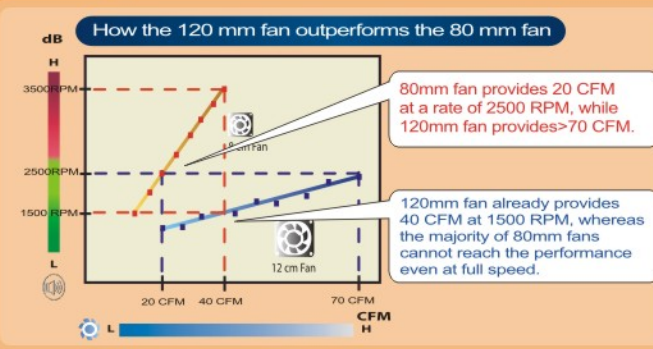
Silence



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



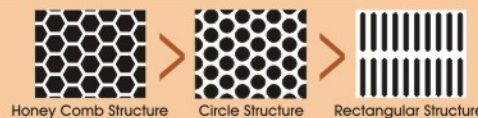
12cm Ball Bearing Cooling Fan
Increases airflow & lifetime and reduces rotation speed and noise.



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



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



Flexibility



Universal Video Card Support
Supports new PCI-E video card technologies. (*500W and higher models are nVIDIA SLI and ATI CrossFire approved.)

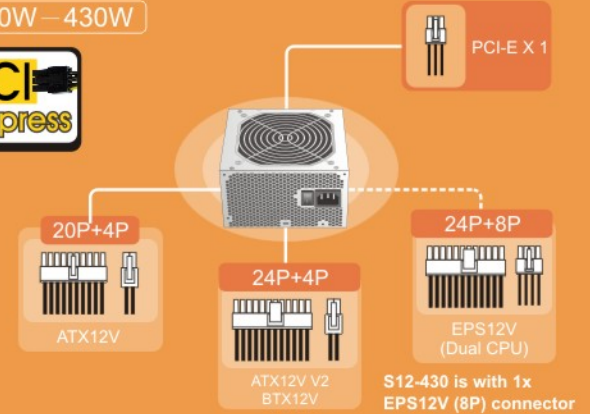


Patented Easy Swap Connector
Unplug the connectors easily & quickly.

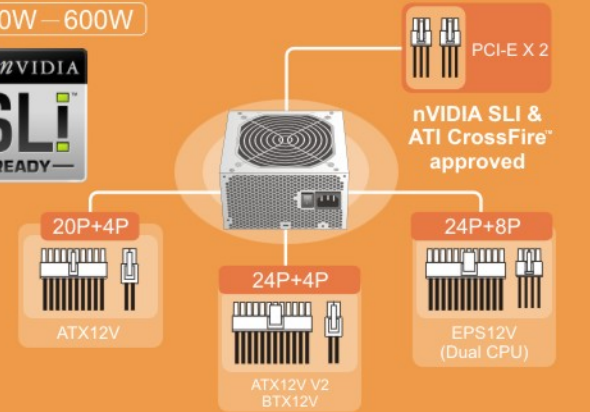


All in One DC Cabling Design
Supports PC, IPC, workstation, server, & dual CPU systems. (applies to models 430W and above)

330W – 430W



500W – 600W



3 Year Warranty
Our commitment to superior quality.