

# 450 / 550 / 650 / 750W

# S12G

POWER SUPPLY SERIES

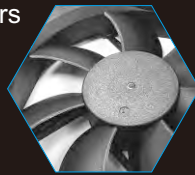


The New Standard for Silent Power Efficiency



## Special Features

- DC to DC Converter Design
- Conductive Polymer Aluminum Solid Capacitors
- Highly Reliable 105°C Aluminum Electrolytic Capacitors
- Smart and Silent Fan Control [S2FC]
- Active Power Factor Correction [up to 99%]
- Ample +12V Output
- 120mm Fluid Dynamic Bearing (FDB) Fans
- Multi-GPU Technology Support
- Ultra Ventilation [Honeycomb Structure]
- Gold Plated High Current Terminals
- Soft-Rubber Mounting Cushions
- Universal AC Input [Full Range]
- 5 Years Warranty



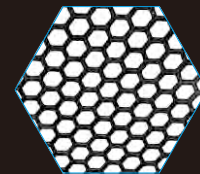
120mm Fluid Dynamic Bearing (FDB) Fans



High Quality 105°C E-CAP



DC to DC Converter Design



Honeycomb Structure



\* For 650/750W



## Power Distribution

Model	+3.3V	+5V	+12V	-12V	+5Vsb	Total Power
S12G-750	20A	20A	62A	0.3A	2.5A	750W
	100W		744W	3.6W	12.5W	
S12G-650	20A	20A	54A	0.3A	2.5A	650W
	100W		648W	3.6W	12.5W	
S12G-550	20A	20A	45A	0.3A	2.5A	550W
	100W		540W	3.6W	12.5W	
S12G-450	20A	20A	37A	0.3A	2.5A	450W
	100W		444W	3.6W	12.5W	

## Wire Configuration

Model	Main Power (20 / 24P) 600mm	EPS12V / ATX12V (8P / 4P) 650mm	EPS12V (8P) 650mm	PCI-E (6P / 8P) 600mm	SATA	Peripheral (4P)	FDD(4P) (Y-adaptor)
S12G-750	1	1	1	4	10	4	1
S12G-650	1	1	1	4	10	4	1
S12G-550	1	1	0	2	8	3	1
S12G-450	1	1	0	2	8	3	1



**Safety & EMI / EMC**

Protection Features: OCP / OPP / OTP / OVP / SCP / UVP

Specifications may change without prior notice



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