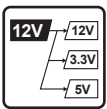




Introduction

Dagger Series, FSP brand new 80 PLUS® gold SFX PSU, featured with fully-modular, flat ribbon cables and DC to DC module design in a compact size which is suitable for small pc host machines, such as VR systems, Micro ATX systems, home media. Dagger Series comes out with two models – 500W and 600W, their power density are 2 times higher than normal ATX PSU's, providing better power performance.

Features



DC to DC Module Design

Providing high efficient, stable power



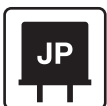
Full Modular

Easy Installation, better airflow performance



Ribbon Cable

Space-saving installation



100% Japan-made E-cap

Reliable power and prolonged life span

- Compliance with Micro ATX PC
- Compliance with newest SFX12V V3.3 & ATX12V V2.4
- 80 PLUS® Gold certified
- Efficiency \geq 90% at typical load
- 100% Japan-made electrolytic capacitors
- High quality 80mm dual ball bearing fan
- Advanced full modular design with ribbon cables
- Powerful single +12V rail design
- Intel Skylake ready
- Full protections OCP, OVP, SCP, OPP, OCP, OTP

Product Overview



DC to DC Module Design

+12V SR circuit, combining both +3.3V and +5V DC-DC modules, offers supreme efficiency, voltage stability and high system compatibility especially in cross regulation (unbalanced load) mode.

Fully Modular Ribbon Cables

Fully- modular, flat ribbon cables provide easier installation . Its parallel wires, an ideal solution for applications with space constraint issues, enhance overall airflow performance :cooler and fewer heat insides letting components ' product lives longer.

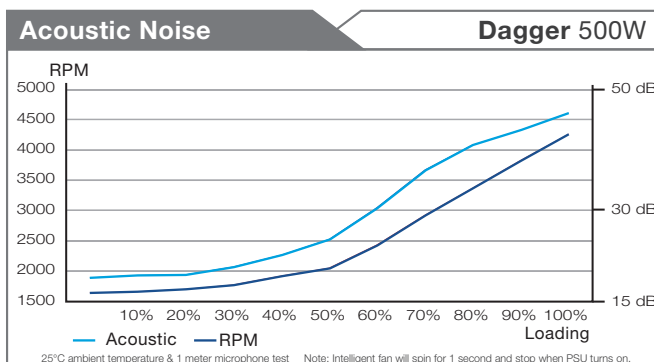
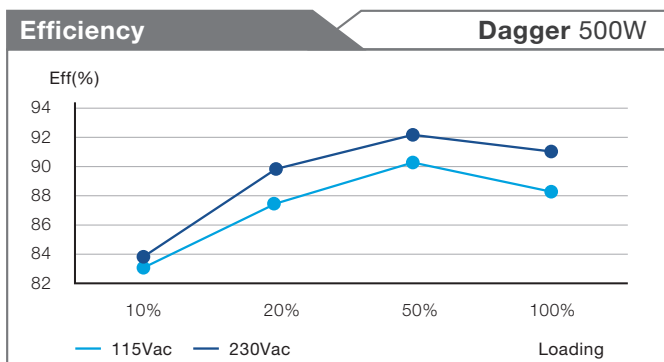
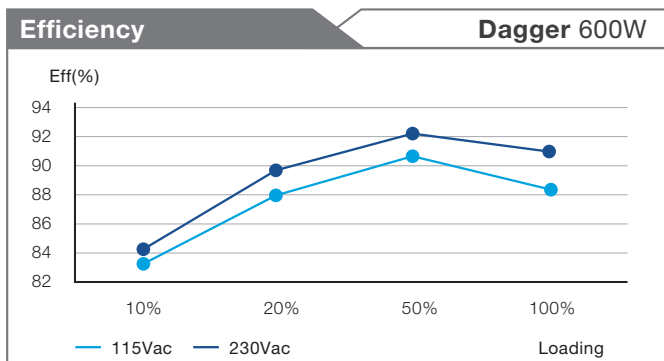


High Power Density

Featured with high power density, twice higher than the one of a ATX PSU in same wattage, it is suitable for small pc host machines, such as VR systems, Micro ATX systems , home media.

Dagger Series	Wattage	ATX PSU
0.69 w/cm ³ 11.26 w/inch ³	600W	0.33 w/cm ³ 5.44 w/inch ³
0.57 w/cm ³ 9.38 w/inch ³	500W	0.27 w/cm ³ 4.54 w/inch ³

Performance





Rating

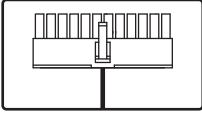
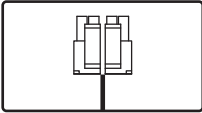
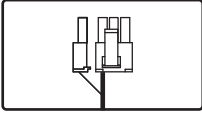
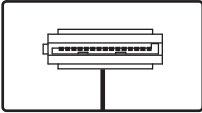
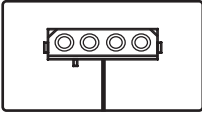
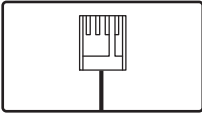
600W	AC Input	100-240Vac~ 8-4A 50-60Hz				
	DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
	Max Output Current	20A	15A	50A	0.3A	2.5A
	Max Combined Power	150W		600W	3.6W	12.5W
	Total Power	600W				

500W	AC Input	100-240Vac~ 8-4A 50-60Hz				
	DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
	Max Output Current	20A	15A	41.67A	0.3A	2.5A
	Max Combined Power	90W		500W	3.6W	12.5W
	Total Power	500W				

Specifications

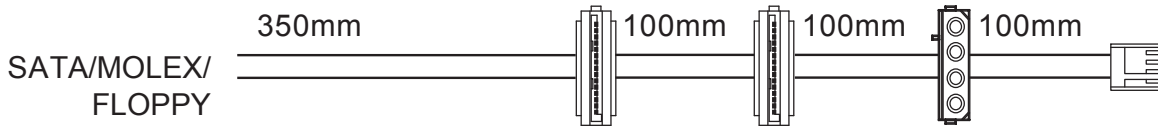
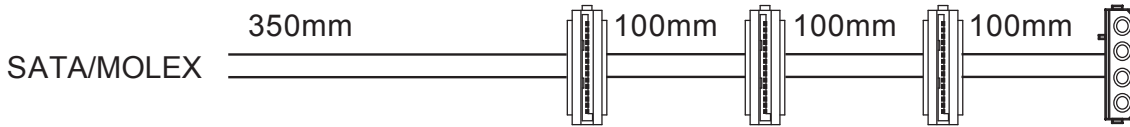
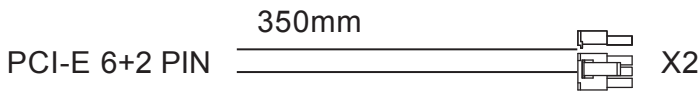
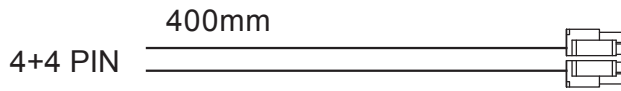
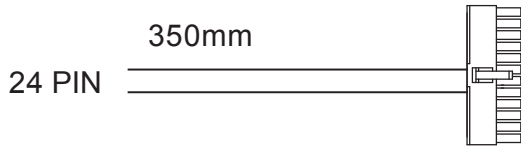
		
Model	SDA500	SDA600
Type	SFX	SFX
PFC	Active PFC	Active PFC
Input Voltage	100-240 Vac	100-240 Vac
Input Current	8-4A	8-4A
Input Frequency	60-50 Hz	60-50 Hz
Output Capacity	500W	600W
Max. Output Power	500W	600W
Fan Type	Dual ball bearing fan, 80mm	Dual ball bearing fan, 80mm
Efficiency	90%	90%
MTBF	100,000 Hrs.	100,000 Hrs.
Protection	OCP, OVP, SCP, OPP, OCP, OTP	OCP, OVP, SCP, OPP, OCP, OTP
Weight	1.182kg	1.182kg
Dimension(L×W×H)	125 x63.5 x110 mm 4.92 x2.499 4.33 inch	125 x63.5 x110 mm 4.92 x2.499 4.33 inch

Connectors

	500W	600W
 24 PIN	1	1
 4+4 PIN	1	1
 6+2 PIN	2	2
 SATA	5	5
 MOLEX	2	2
 FLOPPY	1	1

Cable Length

500W / 600W





Dagger Series

500W / 600W

Package Information

Model	SDA 500	SDA 600
EAN Code	471114048009	471114048011
UPC Code	845685008633	845685008640
Shipping Dimension (L×W×H)		
Shipping Weight		
Master Pack Dimension (L×W×H)		
Master Pack Quantity		
Master Pack Weight		
Pallet Quantity		
Country of Origin	China	
Warranty	5 Years	
Additional Information	500w http://www2.fsplifestyle.com/home/product.php?rKey=P164000907	600w http://www2.fsplifestyle.com/home/product.php?rKey=P164000908