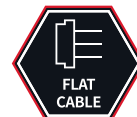


SFX 80 PLUS PLATINUM GOLD FULL-MODULAR

PC POWER SUPPLY



Edited by Amanda
Version 3.0
2024.03.13



PC POWER SUPPLY



Small Form Factor With Big Power.
GAMING PC POWER SUPPLY



MODEL : PS-650SFX

Dimensions(L*W*H)	125*100*63.5 MM
Modular	Full-Modular
Certifications	80 PLUS GOLD
Warranty	7 years
Efficiency	80 PLUS GOLD
PFC	Active PFC
Fan Size	80MM Hydraulic Bearing Fan
Protections	UVP, OVP, OPP, SCP, Lightning Protection
Operation Temperature	0~40°C
Circuit Structure	Double Forward



MODEL : PS-750SFX

Dimensions(L*W*H)	125*100*63.5 MM
Modular	Full-Modular
Certifications	80 PLUS Platinum
Warranty	7 years
Efficiency	80 PLUS Platinum
PFC	Active PFC
Fan Size	80MM Hydraulic Bearing Fan
Protections	UVP, OVP, OPP, SCP, Lightning Protection
Operation Temperature	0~40°C
Circuit Structure	Double Forward



MODEL : PS-850SFX

Dimensions(L*W*H)	125*100*63.5 MM
Modular	Full-Modular
Certifications	80 PLUS GOLD
Warranty	7 years
Efficiency	80 PLUS GOLD
PFC	Active PFC
Fan Size	80MM Hydraulic Bearing Fan
Protections	UVP, OVP, OPP, SCP, Lightning Protection
Operation Temperature	0~40°C
Circuit Structure	Double Forward



100-240Vac
50-60Hz
10A Max



100-240Vac
50-60Hz
10A Max



100-240Vac
50-60Hz
10A Max



+5V 20A
+3.3V 20A
+12V 54A
+5VSB 2.5A
-12V 0.3A



+5V 20A
+3.3V 20A
+12V 62A
+5VSB 2.5A
-12V 0.3A



+5V 20A
+3.3V 20A
+12V 70A
+5VSB 2.5A
-12V 0.3A



+5V/+3.3V **100W**
+12V **648W**
RATED PWOER
650W



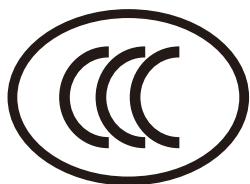
+5V/+3.3V **100W**
+12V **744W**
RATED PWOER
750W



+5V/+3.3V **100W**
+12V **840W**
RATED PWOER
850W

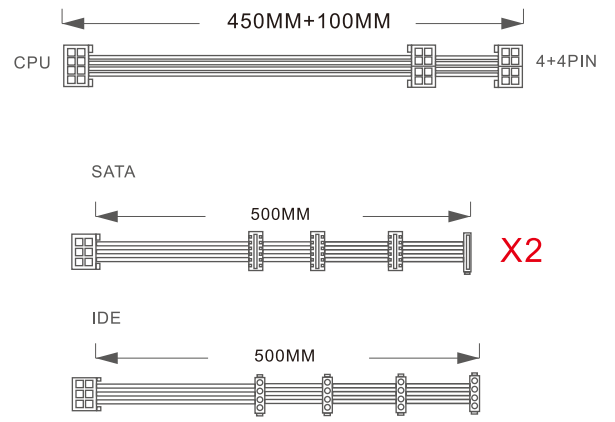
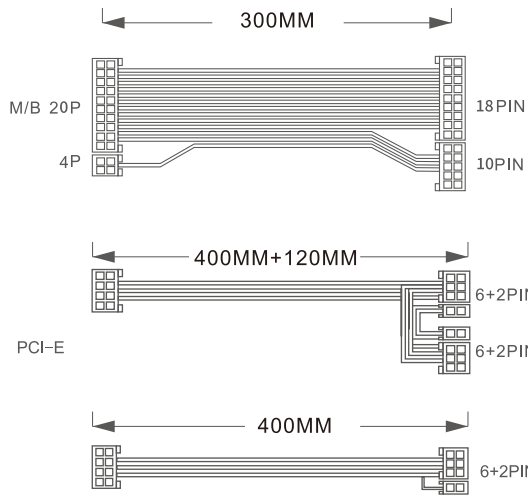
Safety&Regular

EAC CB RoHS FC CE

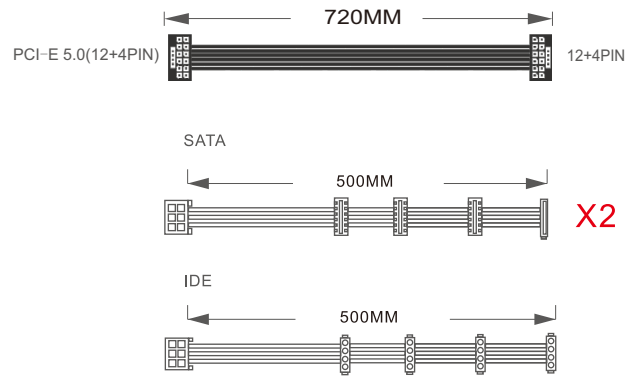
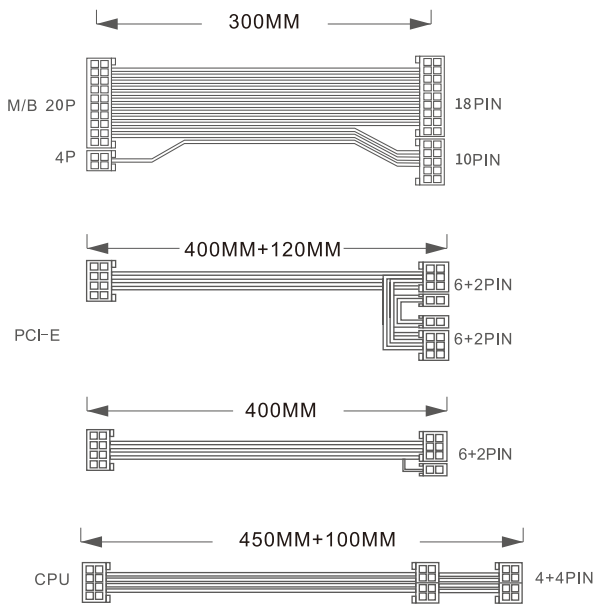


SAA-202494-EA

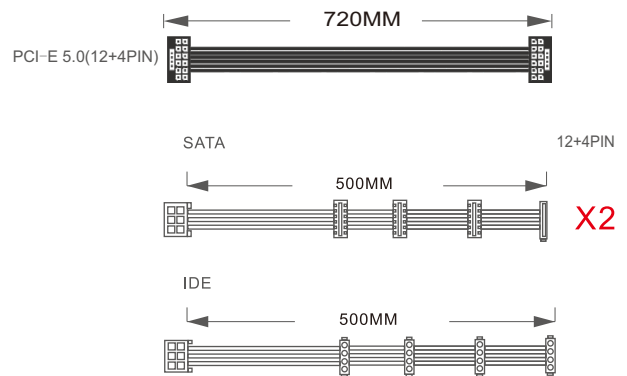
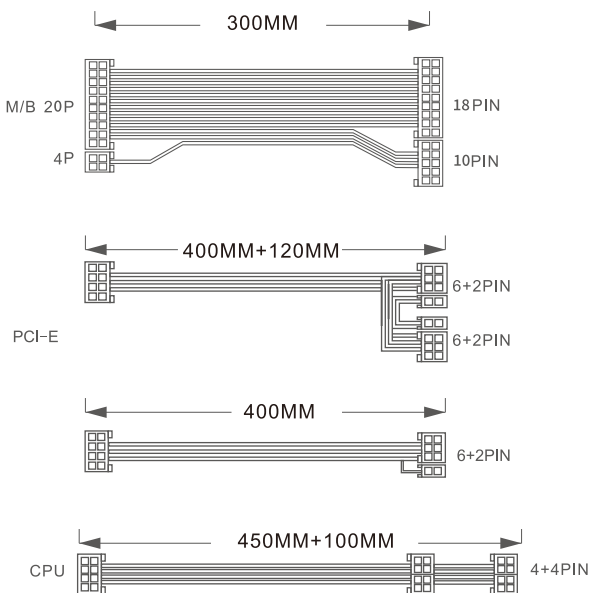




MODEL : PS-650SFX



MODEL : PS-750SFX

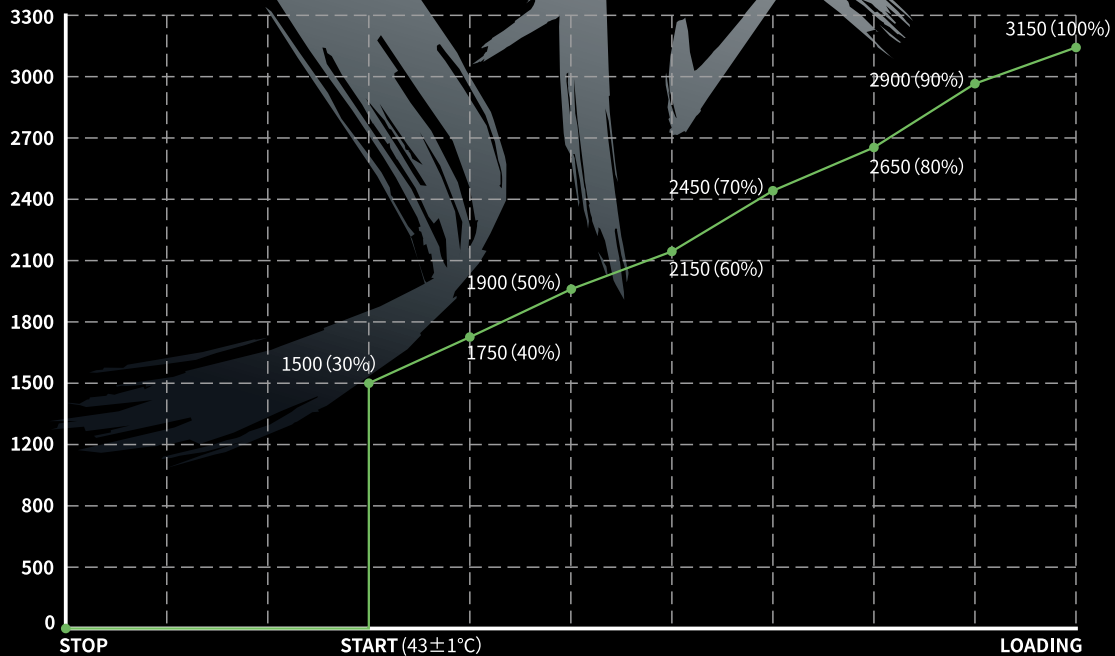


MODEL : PS-850SFX



SMART FAN CONTROL

FAN Speed Turns/m



THE POWER SUPPLY FAN IS IN STATIC MODE DURING COMPUTER STARTUP

The SFX power supply is equipped with an intelligent fan start/stop function. The fan has three cooling modes to achieve the ideal balance of performance, silence and cooling of the power supply. The lower the fan noise, the less the fan rotation, the longer the fan life and the higher the reliability of the power supply.

Fan Static Mode: Under low load conditions, the power supply ensures low heat generation through its own gold medal structure and relies on its own heatsink to dissipate heat, thus reducing fan rotation.

Fan low speed mode: Under medium load, the power supply itself cannot complete the heat dissipation and needs to cool down through the low speed fan, which can still maintain low noise operation.

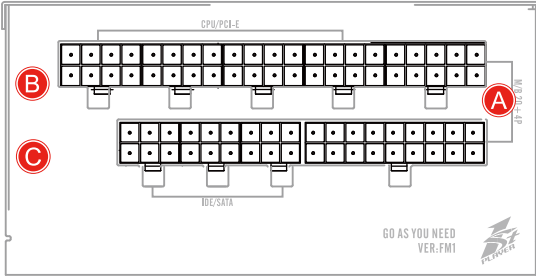
Fan high performance mode: Under high load conditions, the fan turns on high speed cooling mode to dissipate heat so that the power supply can reach the optimal operating temperature.

Test results from 1STPLAYER Lab the test was conducted in a room temperature of 28°C

Full Modular Connector Guideline

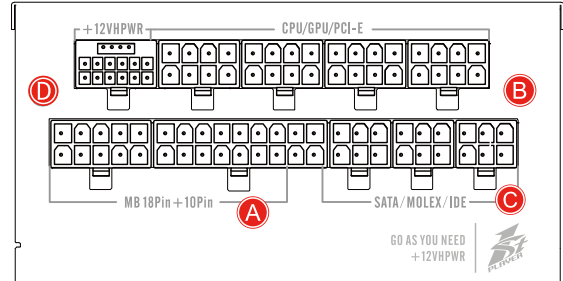
VER: FM1 / FM2

FM1



FM1

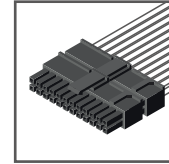
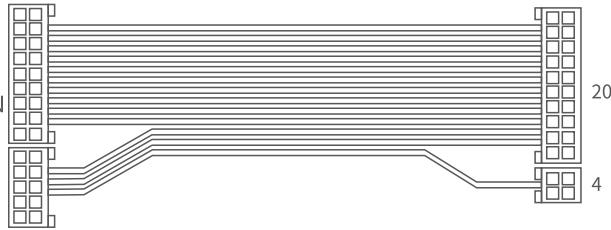
+12VHPWR



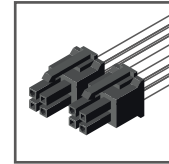
PSU modular port

PC Hardware

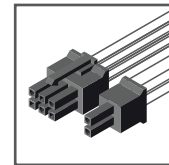
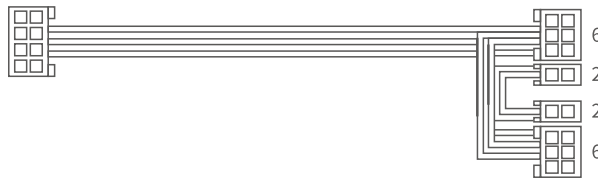
A / M/B 18+10 PIN



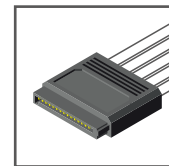
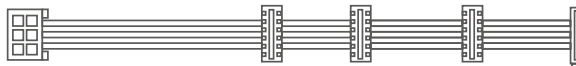
B / CPU(8PIN)



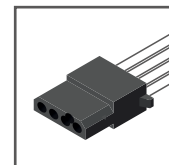
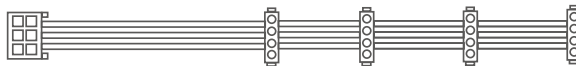
B / PCI-E(8PIN)



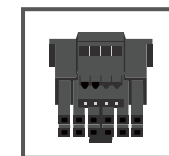
C / SATA(6PIN)



C / IDE(6PIN)



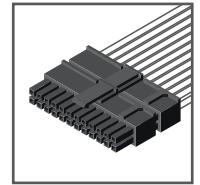
D / PCI-E 5.0(12+4PIN)



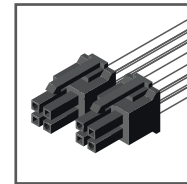
1 PC connection guide **Guideline**

- 1 Install the PSU into the PC case with cooling fan side at the bottom, then screw on.

- 2 24PIN (20+4) connector connects motherboard.

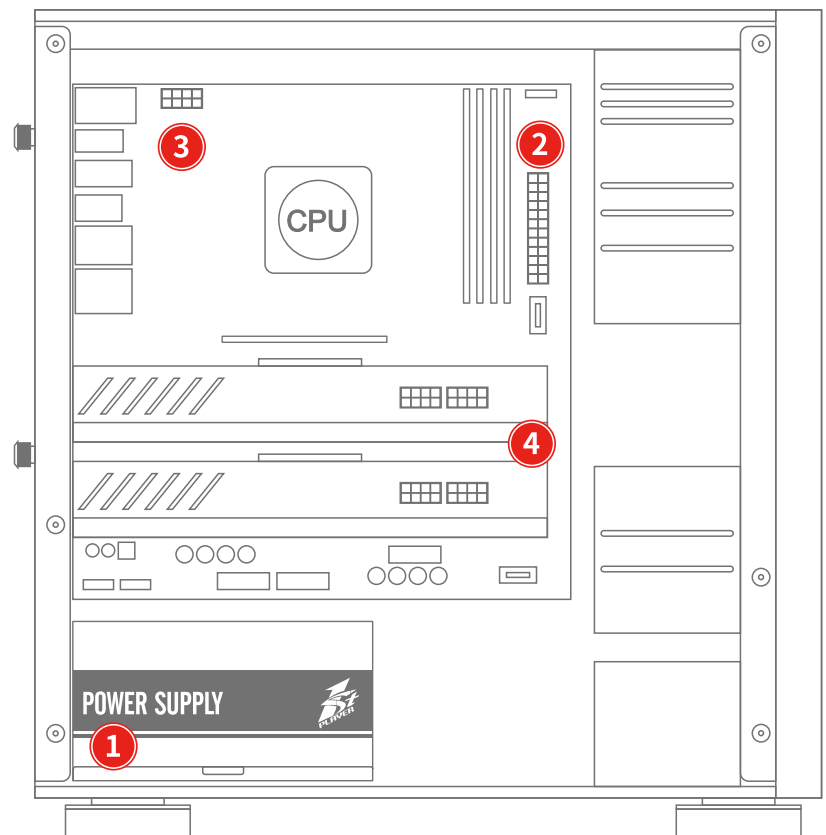
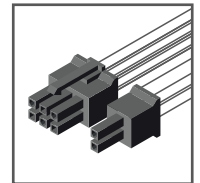


- 3 8PIN (4+4) connector connects CPU.



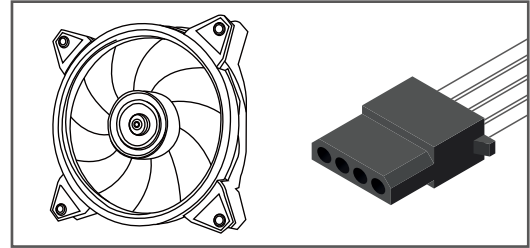
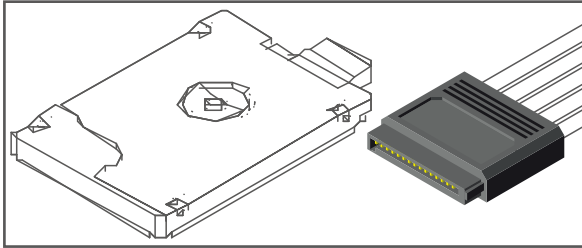
- 4 8PIN (6+2) connector connects VGA.

Note: There are multiple kinds of VGA connectors, 6PIN, 6+2PIN&6PIN, 6+2PIN&6+2PIN. Please select your PSU as your requirement.



PC connection guide **Guideline**

- 5** SATA connector connects hard drive. IDE connector connects case fan.



- 6** Connect the motherboard jumpers, USB connectors. (any connection problem please contact motherboard manufacturer)

- 7** Connect the power cord. Make sure the I/O button is on. Press the case power button to power on.

