



User Manual

PF SERIES

P55F / P65F / P75F





Product Story

High-Performance Without Compromise

The PF Series is an 80 PLUS® Gold certified power supply with up to 90% efficiency. It features a powerful single +12V rail design and multi-protection safeguards, which can provide reliability and great performance for high-end components. The PF Series offers high-performance without compromise, a great option for budget builds.

Features

- 80 PLUS® Gold Certified for High Efficiency
- Smart Thermal Control to Balance Cooling and Noise Pollution
- Single +12V Rail Design for High-Performing Components
- 5V and 3.3V DC to DC Design
- Multi-Protection Safeguards (OCP, OVP, UVP, SCP, OTP, OPP)
- 5-Year Warranty

Model		P55F	P65F	P75F
Model Number		IW-PS-PF550W	IW-PS-PF650W	IW-PS-PF750W
Total Power		550W	650W	750W
Materials		SECC		
Type		ATX12V V2.52		
Cable Management		Non-Modular Cables		
PFC		Active PFC (> 0.95)		
Efficiency		80 PLUS®Gold (Up to 90%)		
MTBF (Hours)		> 100,000 hrs.		
AC Input		100-240Vac, 8-10A, 50-60Hz		
Fan		120mm Sleeve Bearing Fan		
Typical Load Fan Noise (dBA) (50% Loading)		< 25dBA		
Operating Temperature Range (° C)		0~40 ° C		
Full Protection		OCP/ OVP/ UVP/ SCP/ OTP/ OPP		
Safety Certifications		cTUVus / TUV / CB / CE / CCC / FCC / RCM / BSMI		
Product Dimensions (L x W x H)		140 x 150 x 86 mm		
Package Dimensions (L x W x H)		280 x 210 x 105 mm		
Net Weight		1.5kg	1.54kg	1.65kg
Gross Weight		1.95kg	2.0kg	2.1kg
Warranty		5 Years		
Connectors	20+4 Pin Motherboard	1	1	1
	8-Pin CPU	1	1	1
	4-Pin CPU	1	1	1
	8 (6+2) Pin PCI-E	2	2	4
	SATA (90 Degree)	6	6	6
	4-Pin Peripheral	3	3	3

Model	AC INPUT	100-240Vac, 8-10A, 50-60Hz					
	DC OUTPUT	+12V	+5V	+3.3V	-12V	+5VSB	Total Power
P55F	Max. Output Current	45.8A	20A	20A	0.3A	3A	550W
	Max. Combined Power	550W	105W		3.6W	15W	
P65F	Max. Output Current	54.2A	22A	22A	0.3A	3A	650W
	Max. Combined Power	650W	120W		3.6W	15W	
P75F	Max. Output Current	62.5A	22A	22A	0.3A	3A	750W
	Max. Combined Power	750W	120W		3.6W	15W	

* InWin products comply with RoHS regulations.

* Specifications may vary based on different regions.



- ① PF Series Power Supply Unit x1
(P55F / P65F / P75F)



- ② Power Cord x1



- ④ Mounting Screws x4



- ③ Cable Ties x8

- ⑤ QR Code Card x1

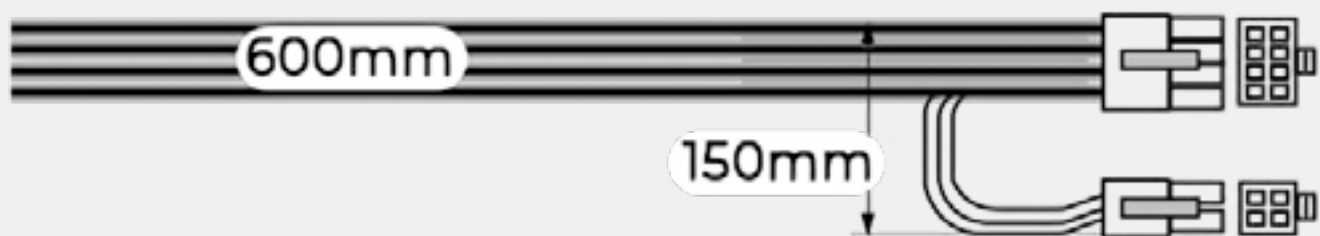




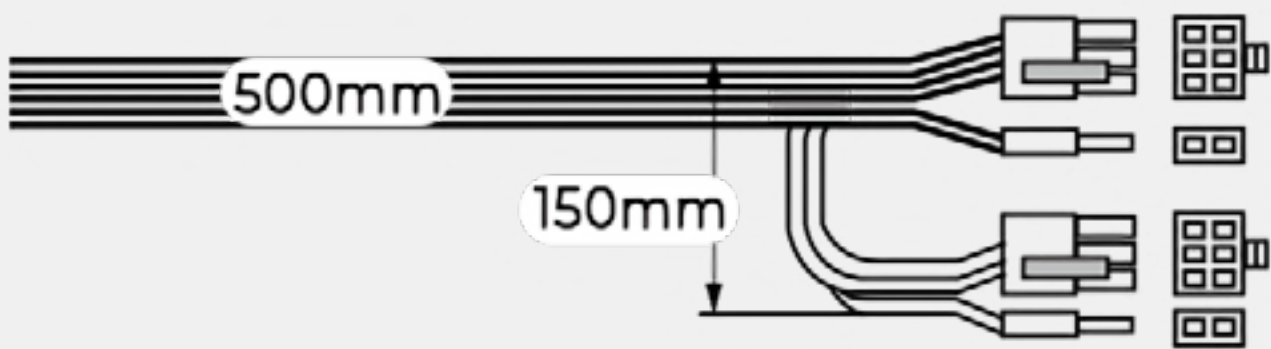
24(20+4) Pin Motherboard



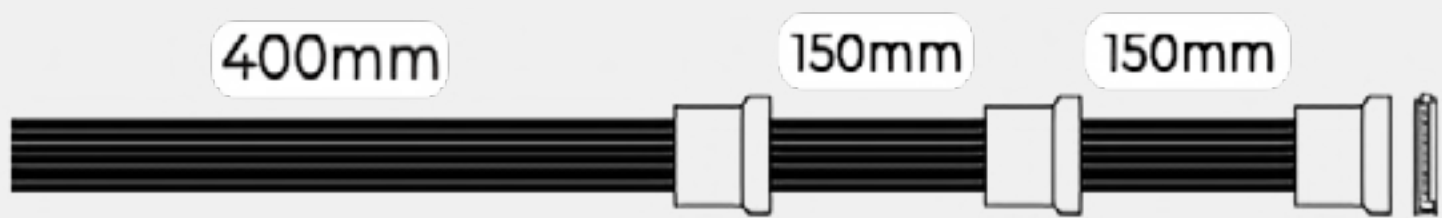
8 Pin CPU
4 Pin CPU



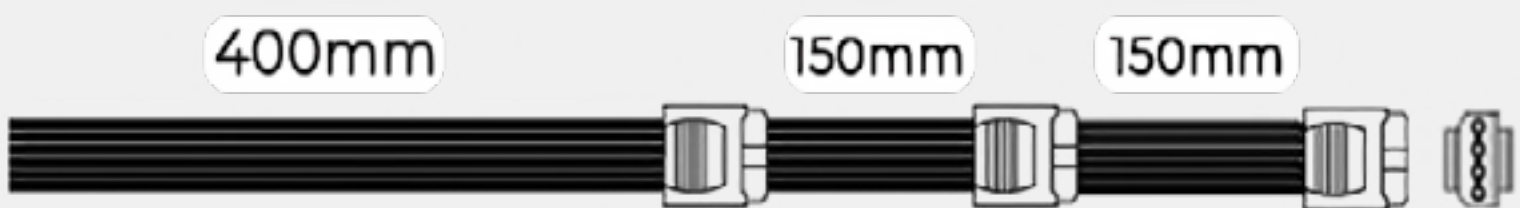
8(6+2) Pin PCI-E



SATA(90 Degree)



4 Pin Peripheral



1. Make sure the power supply's AC power cable is not connected before installation.
2. Place the power supply unit into the space provided in the case and secure the power supply unit with the screws.
3. Connect 24-pin power to the 24-pin socket on the motherboard.
4. Connect the 8-pin or 4-pin + 12V cable to the motherboard.
 - A. If your motherboard has an 8-pin + 12V socket, connect the 8-pin cable directly to your motherboard.
 - B. If your motherboard has a 4-pin socket, connect the 4-pin cable directly to your motherboard.
5. Connect the peripheral cables, PCI-Express cables, and the SATA cables to the appropriate socket.
6. Make sure all the cables are tightly connected and save any unused components or parts for future usage.
7. Connect the AC power cord to the power supply and turn it on by switching the power button to the “I” position.

These troubleshooting points will help you diagnose and solve problems with your power supply if the unit fails to operate properly:

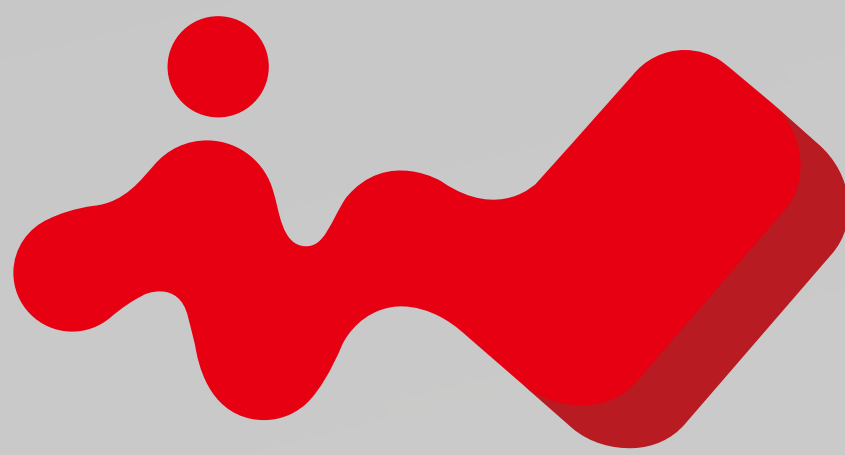
1. Please make sure the power supply and power cord are connected properly.
2. Please make sure the power cord is plugged into the power socket.
3. Please make sure the power supply I/O button is switched to the “I” position.
4. Please check if all the connectors (motherboard and peripheral) are connected properly.
5. Please allow a 5-second interval before turning the power on again when power supply is switched off manually.
6. If you are still experiencing difficulties, please contact your local distributor for RMA support.

Notices

1. Install in accordance with the user manual's instructions and safety warnings. Incorrect installation may burnout the motherboard and other system components.
2. To avoid damaging any circuits, please make sure the power is off before assembling any internal device.
3. Please use the anti-static precautions while installing the components to prevent damage and injury.
4. High voltages are present in the power supply. Do not open the power supply case. Any modifications may damage the product and may place the user at risk.
5. Do not use the power supply if it has been wet or damaged to avoid electric shock or injury.
6. Keep this product away from areas with high temperatures such as: heat dissipation machines, air conditioners or other machines which may generate high temperatures.
7. Do not insert any objects into the open ventilation or fan grill area.
8. Please use only this product's exclusively supplied cables. Other cables may not be compatible and could cause serious damage to your system and power supply.
9. Do not modify the cables and/or connectors included with the power supply.

Warranty

1. InWin provides a 5-year warranty toward the product. The warranty covers malfunctions or flaws before customer use. The warranty starts from your initial purchase (according to the date on your receipt). Please note that we do not honor the warranty for the product if it is not purchased personally or if it is purchased through an unauthorized distribution channel.
2. This limited warranty shall not apply if the defect was caused through any of the following:
 - 1) Abuse and misuse, 2) Operation outside of product specification, 3) Unauthorized service or modification, 4) Any and all alteration of the product.
3. For more detailed warranty information, please visit the InWin retail website at www.in-win.com.
4. The actual product is subject to change without prior notice. In Win Development Inc. reserves the right to make final modifications.



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