



P
SERIES

P125 / P105

User Manual

P
SERIES

Product Story

The P Series is an 80 PLUS[®] Gold certified power supply that focuses its features on efficiency, reliability and overall PC building experience. The P Series' low noise output makes this PSU the optimal choice for most PC builds.





Features

1. 80 PLUS[®] Gold Certified for High Efficiency
2. Ultra Quiet Zero RPM Fan Mode
3. 5V and 3.3V DC to DC Design
4. Highly Reliable Japanese Aluminum Electrolytic Capacitors
5. Multi-Protection Safeguards (OCP, OVP, UVP, SCP, OTP, OPP)
6. Fully Modular Cables for Quick and Easy Installation
7. 5-Year Warranty





Specifications

Model	P125	P105	
Part Number	IW-P1250	IW-P1050	
Total Power	1250W	1050W	
Material	SECC		
Type	ATX12V V2.4 / EPS12V V2.92		
Cable Management	Fully Modular		
PFC	Active PFC (> 0.95)		
Efficiency	80 PLUS®Gold (Up to 90%)		
MTBF (Hours)	> 100,000 hrs.		
AC Input	100-240Vac.,15-8A, 50-60Hz		
Fan	135mm FDB 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 / BSMI/ CE/ FCC/ EAC/ CCC/ RCM		
Dimensions (L x W x H)	160 x 150 x 86mm		
Package Dimensions (L x W x H)	210 x 325 x 105mm		
Net Weight	3.0kg	2.95kg	
Gross Weigh	3.5kg	3.45kg	
Warranty	5 Years		
Connector	20+4 Pin Motherboard	1	1
	8 (4+4) Pin CPU	2	2
	8 (6+2) Pin PCI-E	8	8
	4 Pin Peripheral	4	4
	SATA (90 Degree)	12	12
	Floppy	1	1

Model	AC INPUT	100-240Vac.,15-8A, 50-60Hz					
	DC OUTPUT	+12V	+5V	+3.3V	-12V	+5VSB	Total Power
P125	Max. Output Current	104.1A	22A	22A	0.3A	3A	1250W
	Max. Combined Power	1250W	120W		3.6W	15W	
P105	Max. Output Current	87.5A	22A	22A	0.3A	3A	1050W
	Max. Combined Power	1050W	120W		3.6W	15W	

* InWin products comply with RoHS regulations.

* Specifications may vary based on different regions.



Package Contents



**P Series Power Supply Unit x1
(P125 / P105)**



QR Code Card x1



Modular Cables Box x1



Modularized Cables Box



X1

20+4 Pin Motherboard
Connector



X2

8 (4+4) Pin CPU
Connector



X4

8 (6+2) Pin PCI-E
Connector



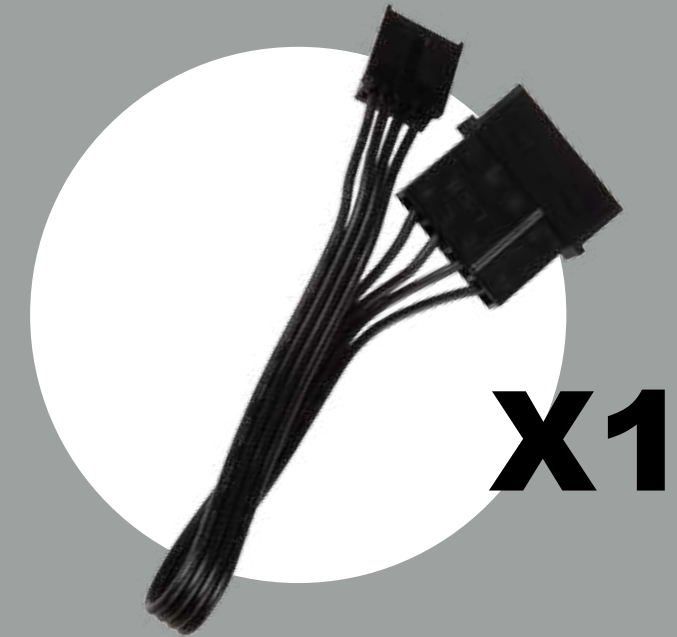
X1

4 Pin Peripheral
Connector



X3

SATA (90 Degree)
Connector



X1

Floppy Connector



X1

Power Cord



X8

Cable Ties



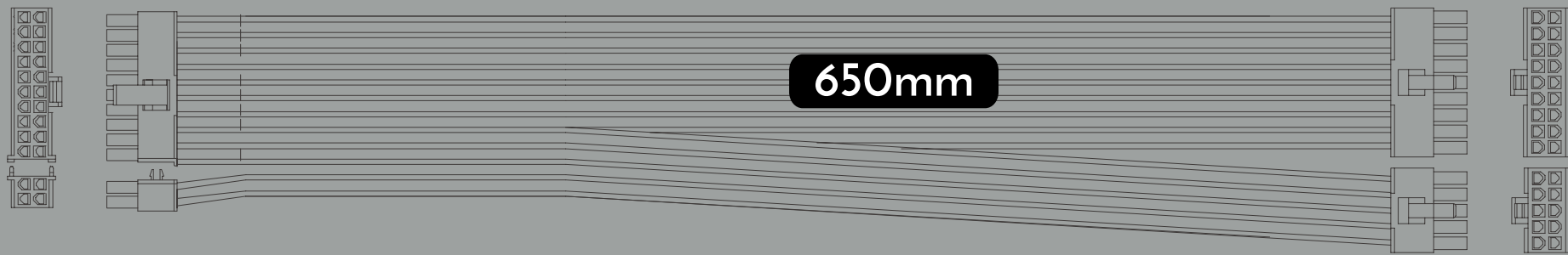
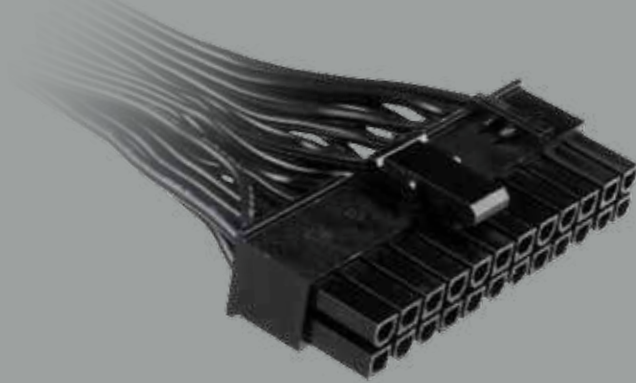
X4

Mounting Screws

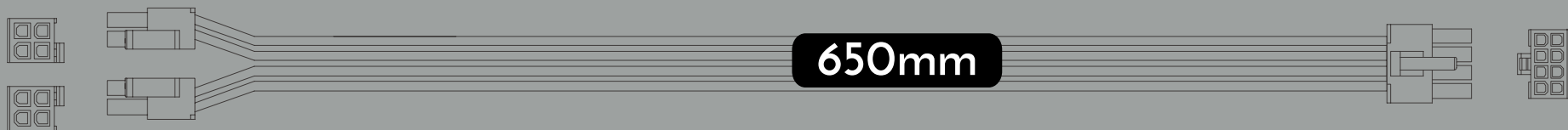


Cable Information

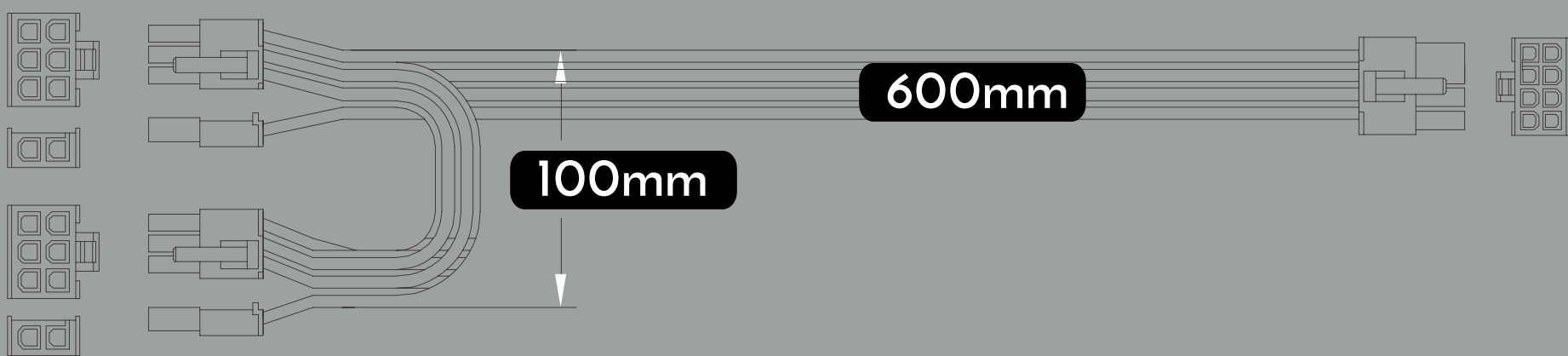
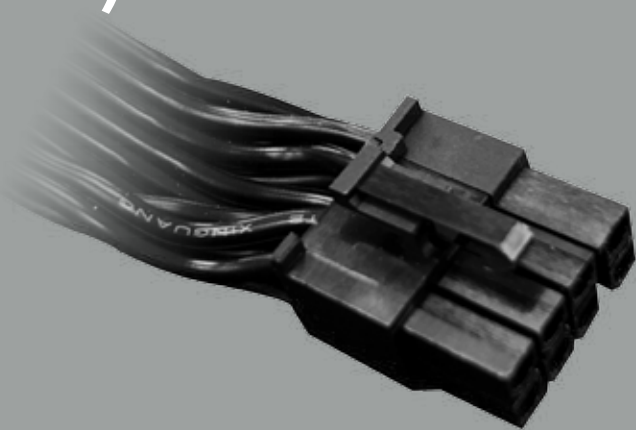
20+4 Pin Motherboard



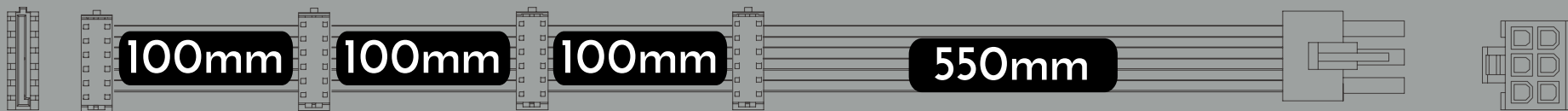
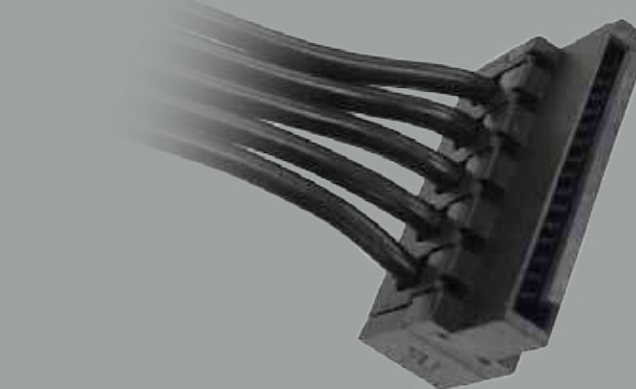
8 (4+4) Pin CPU



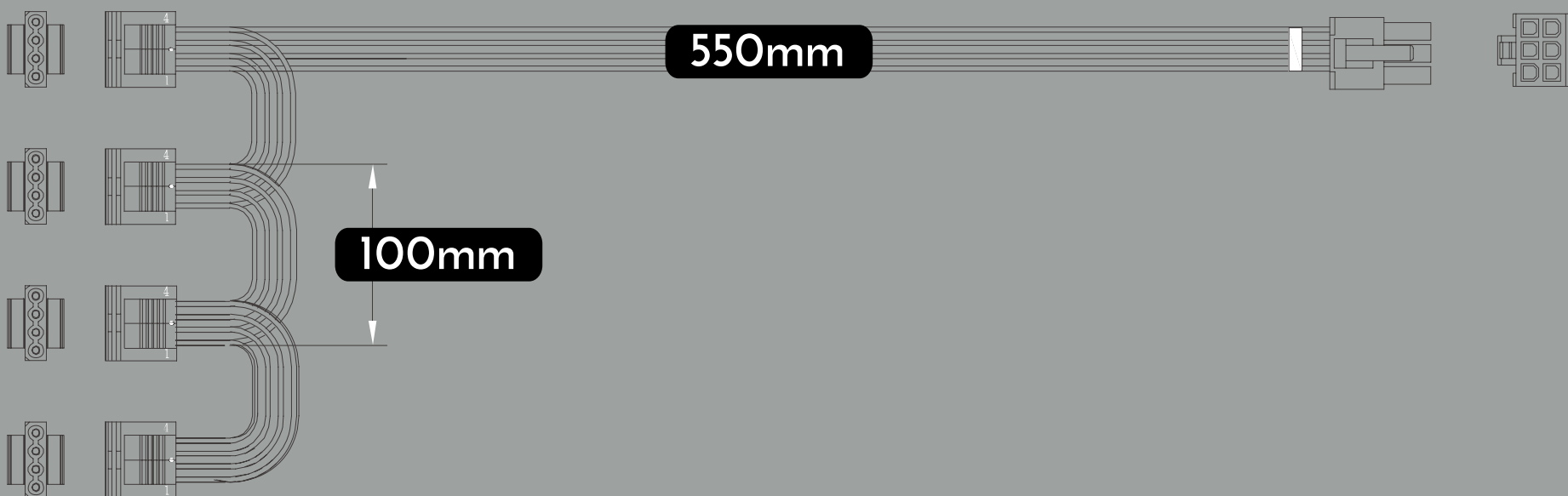
8 (6+2) Pin PCI-E



SATA (90 Degree)



4 Pin Peripheral



Floppy





Installation

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 +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, detach the 4-pin from the 8-pin cable, and plug 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 modular cables 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. Please use the anti-static precautions while installing the components to prevent damage and injury.
2. Install in accordance with the user manual's instructions and safety warnings.
3. 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.
4. Do not use the power supply if it has been wet or damaged to avoid electric shock or injury.
5. Do not install the power supply near any heat sources such as: radiators, heat registers, or other apparatus that produces heat.



Notices and Warranty

6. Do not insert any objects into the open ventilation or fan grill area supply.
7. 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.
8. Do not modify the cables and/or connectors included with the power supply.



Notices and Warranty

■ 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.



Notices and Warranty

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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