

CLASSIC BASIC SERIES

CB 1250W

User Manual





Product Story

80 PLUS® Platinum Certified Power Supply

The CB Series is our high-performance power supply, which is 80 PLUS Platinum certified. We use quality components and structure to ensure stability and top performance in your PC Build. The Classic Basic Series is the best choice for a powerful and reliable PSU.

Features

- 80 PLUS® Platinum Certified Power Supply
- Ultra Quiet Smart Fan Control Design
- 5V and 3.3V DC to DC Design
- Highly Reliable Japanese Electrolytic Capacitors
- A 7-Year Warranty

Specifications

Model	CB-1250W	
Part Number	IW-CB1250	
Total Power	1250W	
Material	SECC	
Type	ATX12V V2.4 / EPS12V V2.92	
Cable Management	Fully Modular	
PFC	Active PFC (>0.9)	
Efficiency	80 PLUS Platinum	
MTBF (Hours)	> 100,000 hrs.	
AC Input	100 - 240Vac. 50-60Hz	
Fan	135mm Double Ball Bearing Fan	
50% Load Typical Fan Noise(dBA)	< 25dBA	
Operating Temperature Range (°C)	0~50°C	
Full Protection	OCP/OVP/UVP/SCP/OTP/OPP	
Safety Certifications	cTUVus /TUV/CB/BSMI/CE/FCC/EAC/RCM	
Dimensions (L x W x D)	180 x 150 x 86mm	
Package Dimensions (L x W x D)	220 x 360 x 100mm	
Net Weight	3.5kg	
Gross Weight	4.1kg	
Warranty	7 Years	
Connectors	20+4 Pin Motherboard	1
	8 (4+4) Pin CPU	2
	8 (6+2) Pin PCI-E	8
	4 Pin Peripheral	3
	SATA (90 Degree)	16
	Floppy	1

AC INPUT	100-240Vac. ,15A ,50-60Hz					
DC OUTPUT	+12V	+5V	+3.3V	-12V	+5VSB	Total Power
Max. Output Current	104.2A	25A	25A	0.3A	3.0A	1250W
Max. Combined Power	1250W	130W		3.6W	15W	

* InWin products comply with RoHS regulations

* Specifications may vary based on different regions

Package Contents



**CB Series
Power Supply Unit**



**Modularized
Cables bag**



QR Code Card

Modularized Cables bag



X1

20+4 Pin Motherboard Connector



X2

8 (4+4) Pin CPU Connector



X3

8 (6+2) Pin PCI-E Connector



X1

4 Pin Peripheral Connector



X4

SATA (90 Degree) Connector



X1

Floppy Connector



X1

Power Cord



X4

Mounting Screws

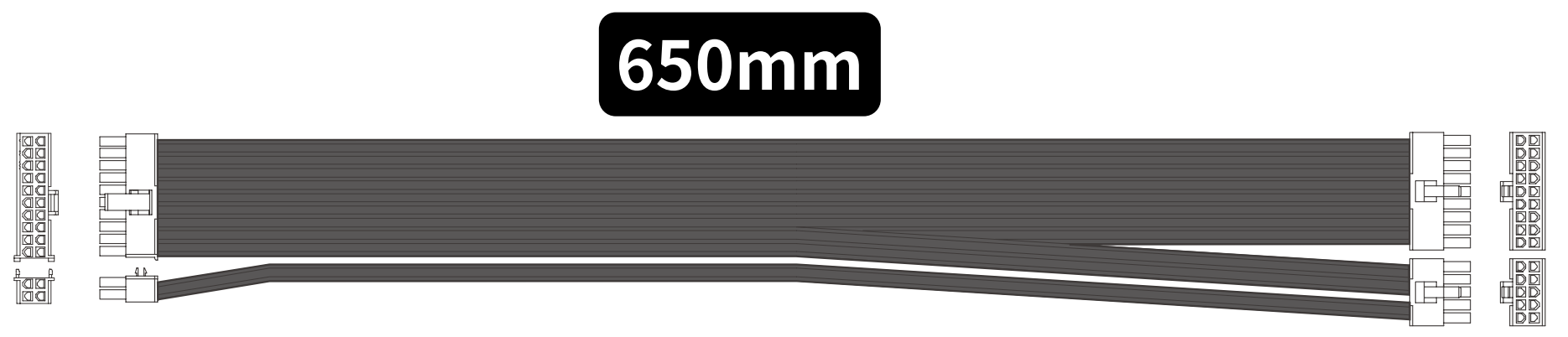


X8

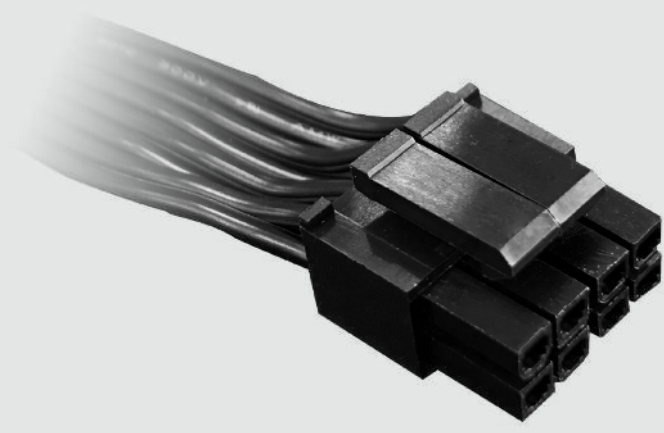
Cable Tie

Cable Information

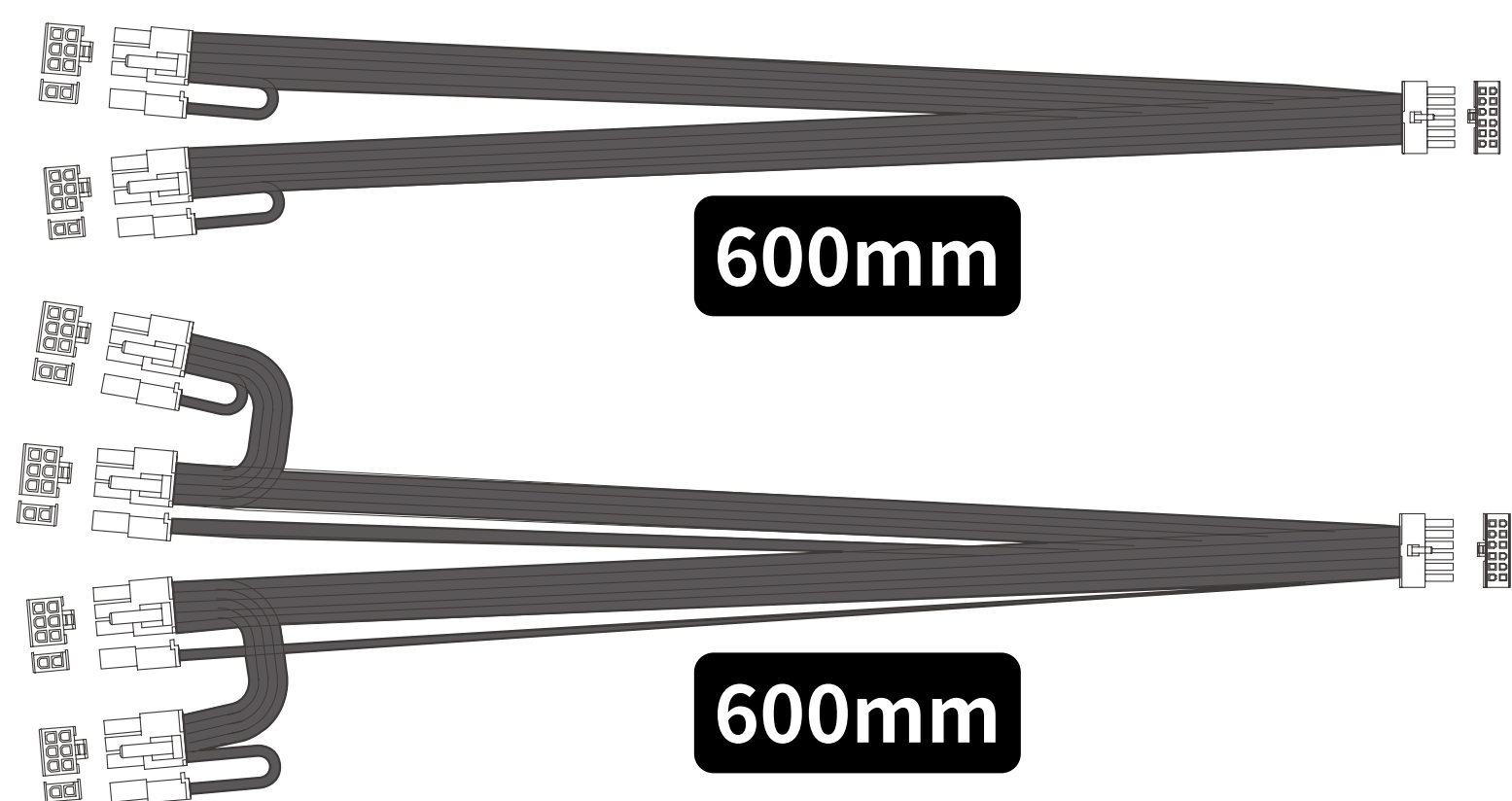
20+4 Pin Motherboard



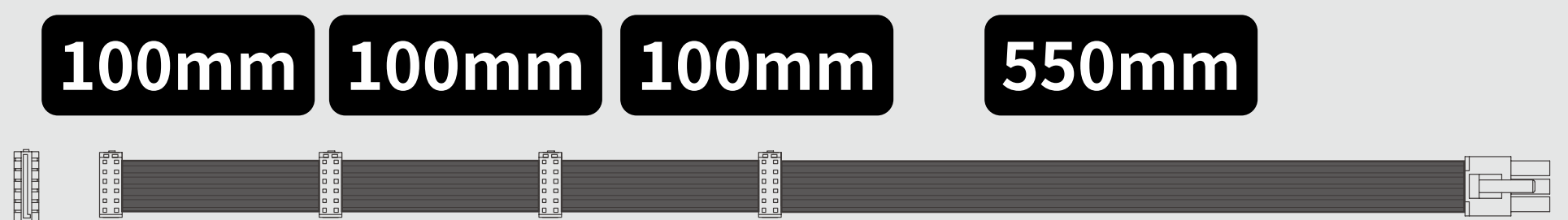
8 (4+4) Pin CPU



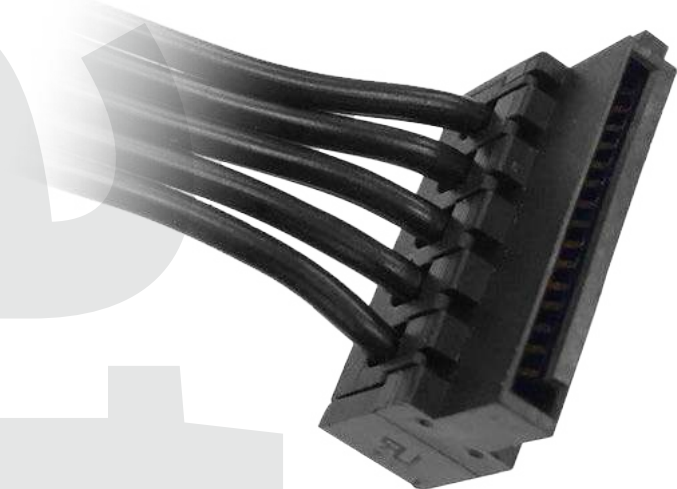
8 (6+2) Pin PCI-E



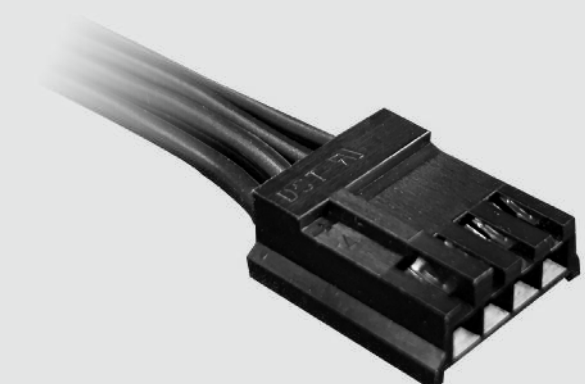
4 Pin Peripheral



SATA (90 Degree)



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.

Troubleshooting

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 a RMA.

Notices and Warranty

■ 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.
6. Do not insert any objects into the open ventilation or fan grill area.
7. Use only InWin supplied cables. Other cables might 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

- * InWin provides a 7-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.
- * 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) altered products.
- * For more detailed warranty information, please visit the InWin retail website at www.in-win.com.
- * 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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