



P11 SERIES P13011 ATX 3.1 P10511



User Manual

Product Story

The PII Series ATX3.1 is an 80 PLUS® Platinum certified power supply that produced specifically for the new generation of high-end GPU users. It features more safety, highly stable, and fully modular; low noise output and its compact design which perfect for overall PC building users.

PII SERIES P130II
ATX 3.1 P105II



1. Fully Meets the Newest Generation (ATX3.1) of Intel's PSDG
2. Includes PCIe 12V-2x6, 16 Pin Connector with High Quality 16 AWG Cable
3. Fully Modular with High Quality Flat Cables
4. Highly Reliable Japanese Aluminium Electrolytic Capacitors
5. Multi-Protection Safeguards (OCP, OVP, UVP, SCP, OTP, OPP)
6. 10-Year Warranty



Specifications



Model		P105II			P130II		
Model Number		IW-PS-PII1050W			IW-PS-PII1300W		
Total Power		1050W			1300W		
Materials		SECC					
Type		ATX12V V3.1					
Cable Management		Fully Modular					
PFC		Active PFC (> 0.95)					
Efficiency		80 PLUS® Platinum (Up to 92%)					
MTBF (Hours)		> 100,000 hrs.					
AC Input		100-240Vac, 15-8A, 50-60Hz					
Fan		135 mm FDB Fan					
Typical Load Fan Noise (dBA) (50% Loading)		< 25 dB(A)					
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 / UACK					
Product Dimensions (L x W x H)		150 x 150 x 86 mm					
Package Dimensions (L x W x H)		210 x 325 x 105 mm					
Net Weight		2.6 kg			2.8 kg		
Gross Weight		3.2 kg			3.4 kg		
Warranty		10 years					
Connectors	24 Pin Motherboard	1			1		
	8 (4+4) Pin CPU	2			2		
	8 (6+2) Pin PCIe	6			6		
	PCIe 12V-2x6	1(600W)			2(600W)		
	4 Pin Peripheral	3			3		
	SATA (90 Degree)	9			9		
	Floppy	1			1		
Model	AC INPUT	100-240Vac, 10-5A, 50-60Hz					
	DC OUTPUT	+12V	+5V	+3.3V	-12V	+5VSB	Total Power
P105II	Max. Output Current	87.5A	24A	24A	0.5A	3A	1050W
	Max. Combined Power	1050W	120W		6W	15W	
P130II	Max. Output Current	108.3A	24A	24A	5A	3A	1300W
	Max. Combined Power	850W	100W		3.6W	15W	

* InWin products comply with RoHS regulations.
* Specifications may vary based on different regions.

Package Contents

P|| SERIES
ATX 3.1



P|| Series Power Supply Unit x1
(P105II/ P130II)



Modular Cables box

Modularized Cables Box

PII SERIES
ATX 3.1



X1

24 Pin Motherboard



X2

8 (4+4) Pin CPU



X4

8 (6+2) Pin PCIe



P105II X1
P130II X2

PCIe 12V-2x6



X3

SATA (90 Degree)



X1

4 Pin Peripheral & Floppy



X1

Power Cord



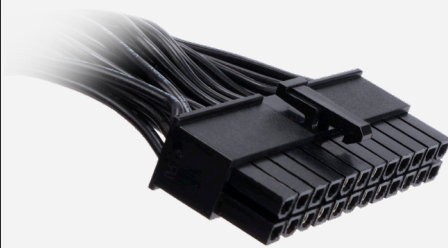
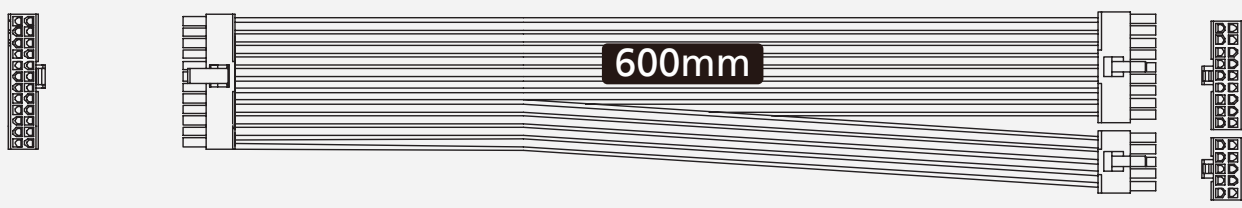
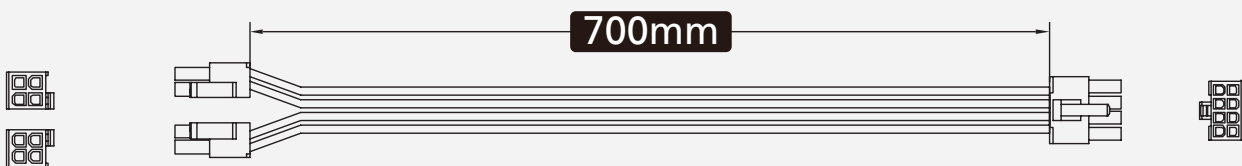
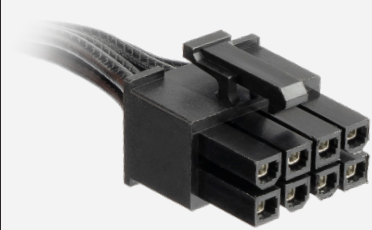
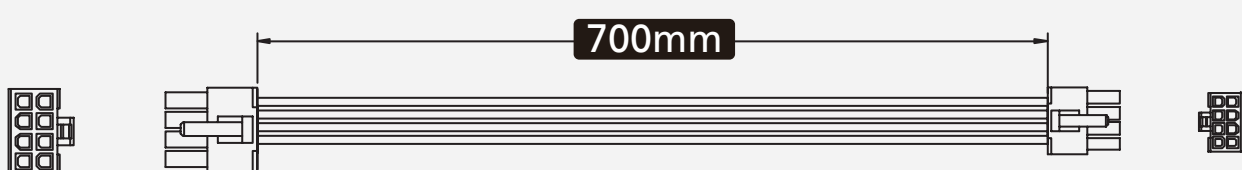
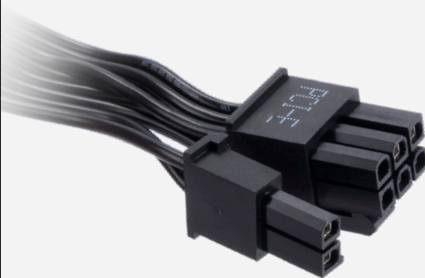
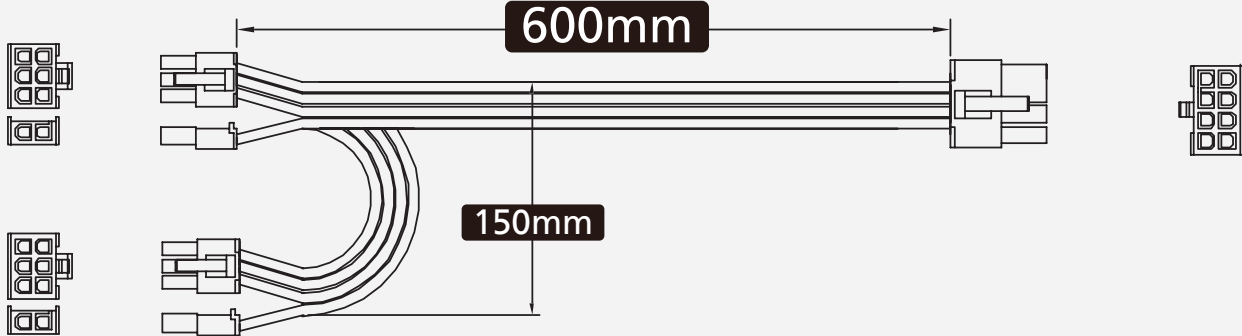
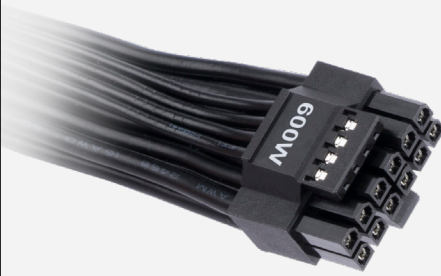
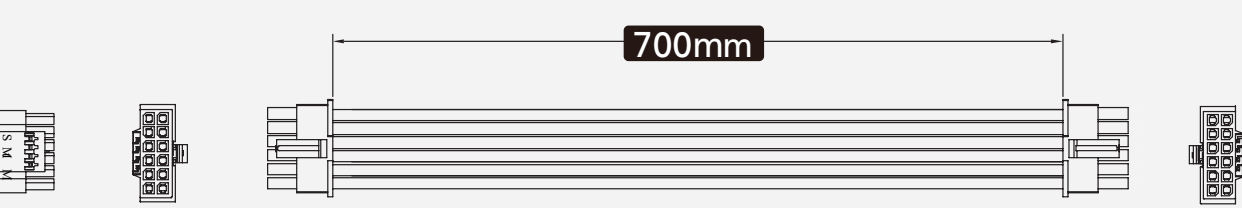
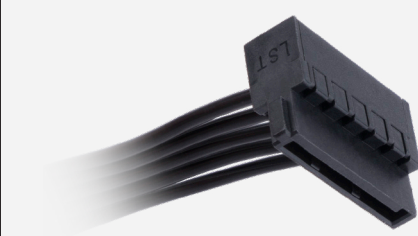
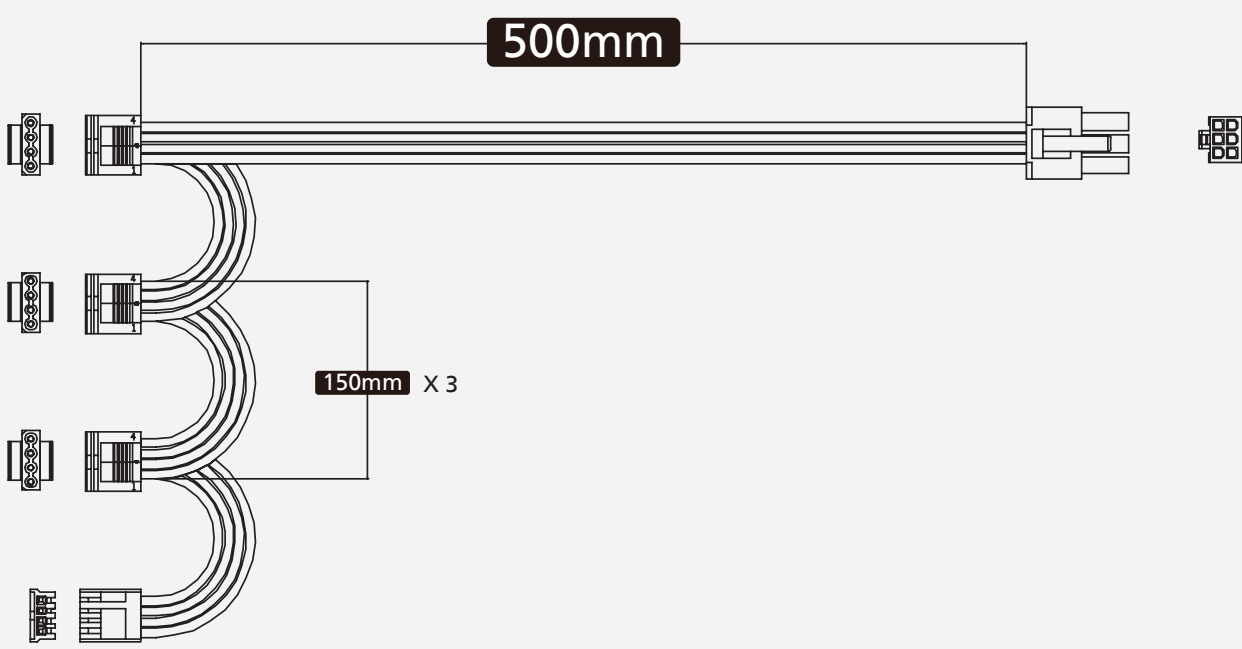
X4

Mounting Screws



X8

Cable Ties

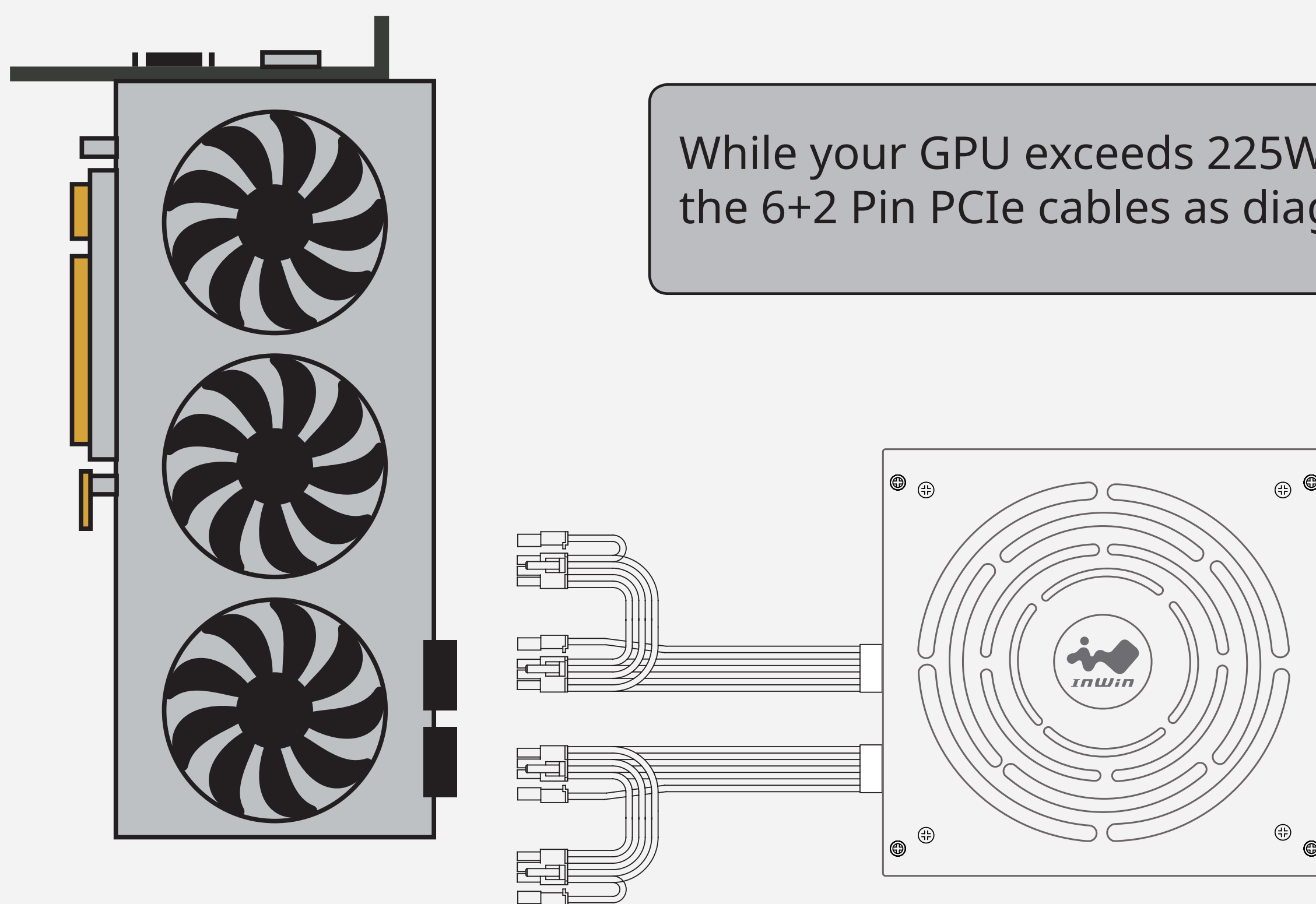
	DC Output Cable	Model	P105II	P130II
	24 Pin Motherboard		1	1
	8 (4+4) Pin CPU		1	1
	8 Pin CPU		1	1
	8 (6+2) Pin PCIe		4	4
	PCIe 12V-2x6		1	2
	SATA (90 Degree)		3	3
	4 Pin Peripheral		1	1
	Floppy			

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 (4+4) Pin CPU cable to the motherboard.
 - A. If your motherboard has an 8 (4+4) Pin CPU socket, connect the 8 (4+4) Pin CPU cable directly to your motherboard.
 - B. If your motherboard has a 4 Pin CPU socket, connect the 4 Pin CPU cable directly to your motherboard.

5. Connect the PCIe cable to the graphics card.

A. Each 6+2 Pin PCIe cable can provide up to 150W, and the MB PCIe connector will supply an additional 75W to the graphics card.

Please use an additional 6+2 Pin PCIe cable if your GPU exceeds 225W (150+75).



B. If your graphics card supports PCIe 12V-2x6 cable, please connect the PCIe 12V-2x6 cable direct to the socket.

6. Connect the peripheral cables, and the SATA cables to the appropriate socket.
7. Make sure all the cables are tightly connected and save any unused modular cables for future usage.
8. 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.

6. Do not insert any objects into the open ventilation or fan grill area.
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.

■ Warranty

1. InWin provides a 10-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.

■ Warranty

3. For more detailed warranty information, please visit the InWin retail website at <https://www.in-win.com/en/warranty>
4. The actual product is subject to change without prior notice.
In Win Development Inc. reserves the right to make final modifications.



INWIN

CONTEMPORARY & INNOVATIVE
www.in-win.com