



FORCE SERIES

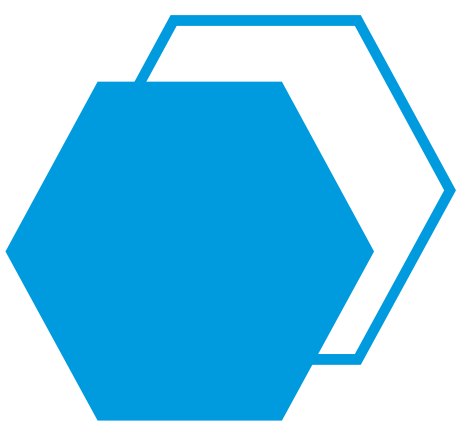
F1 600W





Product Story

The F1 600W are our new power supplies, which made completely of SECC steel, process up to 85% transition rate and received an 80 PLUS Bronze certification. Force Series is suited for any beginners just joining the PC master race.



Force Series 600W Features

■ **Quality with Maximum Efficiency**

The Force Series power supplies features high quality of SECC steel enclosure with an elaborate black exterior. This adds a simple, yet classy design while enhancing the quality of the product.

■ **80 PLUS[®] Bronze Certified Efficiency**

The Force Series delivers up to 85% efficiency with 80 PLUS[®] Bronze, generating less heat and less cost on the electricity bill.

■ **Smart Fan Control for Silent Cooling**

The fan speeds only operate as fast as it needs to, and aims to provide a quiet operating environment for computer users.

■ **5V and 3.3V DC to DC Design**

Force Series' DC to DC converter design provides a superior dynamic response, and supports a foundation for greater system stability.

■ **ErP lot 6 Compliant**

This energy saving design offers the lowest necessary power when power supply is in standby mode.



Specifications

Model	F1 600W	
Part Number	IW-F1-600	
Total Power	600W	
Material	SECC	
Type	ATX12V V2.4	
Cable Management	Fixed Cable	
PFC	Active PFC	
Efficiency	80 PLUS Bronze (up to 85%)	
MTBF (Hours)	> 100,000	
AC Input	115-230Vac, 50-60Hz	
Hold-up time (ms)	> 16ms	
Fan	120mm Sleeve	
Typical Fan Noise(dB)	<25dB	
Operating Temperature Range(°C)	0-40°C	
Full Protection	OCP/OVP/UVP/SCP/OTP/OPP	
Safety Certifications	TUV/cTUVus/BSMI/CE/CB/FCC/EAC/RCM	
Dimensions (L x W x D)	140 x 150 x 86mm	
Net Weight	1.74 kg	
Gross Weight	2.2kg	
Warranty	3 Years	
Connector	24-Pin Motherboard	1
	8(4+4)-Pin CPU	1
	8(6+2)-Pin PCI-E	2
	4-Pin Peripheral	3
	SATA	6
	Floppy Power	1

AC Input	115-230Vac, 50-60Hz				
DC OUTPUT	+12V	+5V	+3.3V	-12V	+5VSB
Max. Output Current	50A	18A	18A	0.3A	2.5A
Max. Output Power	600W	103W		3.6W	12.5W
Total Power	600W				

- In Win products comply with RoHS regulation.
- Specifications may vary based on different regions.



Package Contents

- ① Force Series Power Supply Unit x 1 (F1 600W)
- ② QR Code Card x 1
- ③ Power Cord x 1
- ④ Mounting Screws x 4
- ⑤ Cable Tie x 8

①



②



③



④



⑤





CABLE INFORMATION



24 (20+4) Pin Motherboard



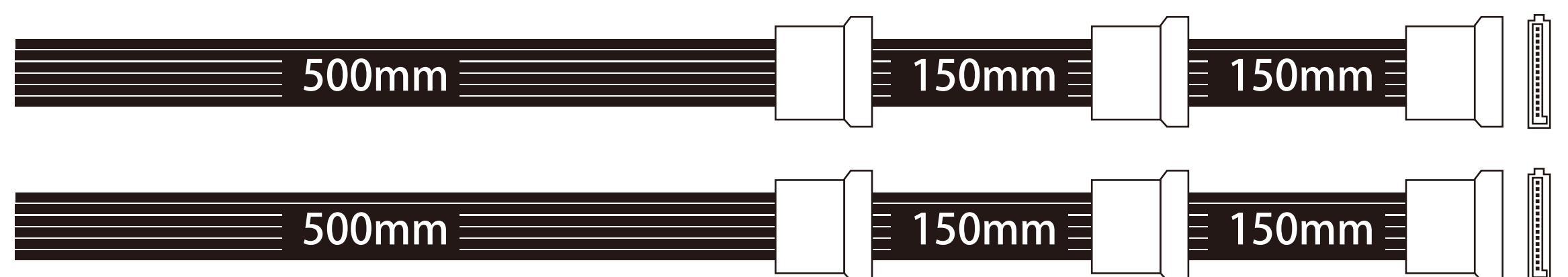
8(4+4) Pin CPU



8(6+2) Pin PCI-E



SATA



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 the 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 properly connected.
- 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 potential 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 the 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 an electric shock or any other injury.
5. Do not install the power supply near any heat sources such as: radiators, heat registers, or any other apparatus that produces heat.
6. Do not insert any objects into the open ventilation or fan grill area.
7. Do not modify the cables and/or connectors included with the power supply.
8. Please use the power supply only indoors.

■ Warranty

- In Win's power supply is warranted against defects in materials and workmanship for a period of three years from the date of the original retail purchase.
- 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 and altered products
- For more detailed warranty information, please visit the In Win 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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