

MISTEL

VISION POWER SUPPLY

USER MANUAL
使用手冊

MX460/550/650 FANLESS


MX750/850/1000/1250


Making Green Energy Possible.


MISTEL

Warranty confirmation form Reseller

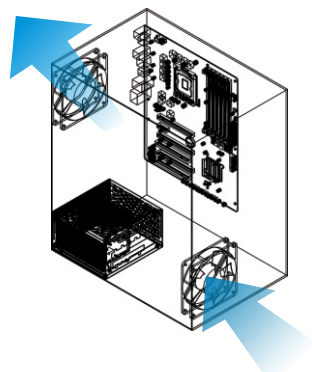
FANLESS Power Supply outputs specification

Model	Input						
MX460 FANLESS	100-240VAC, 50-60Hz, 6A						
+3.3V	+5V	+12V	-12V	+5V	Total Power		
20A	20A	38.3A	0.3A	3A	460W	80 PLUS PLATINUM	
100W	459.6W	3.6W	15W				


Model	Input						
MX550 FANLESS	100-240VAC, 50-60Hz, 7.5A						
+3.3V	+5V	+12V	-12V	+5V	Total Power		
20A	20A	45.8A	0.3A	3A	550W	80 PLUS GOLD	
100W	549.6W	3.6W	15W				


Model	Input						
MX650 FANLESS	100-240VAC, 50-60Hz, 9A						
+3.3V	+5V	+12V	-12V	+5V	Total Power		
20A	20A	54.1A	0.3A	3A	650W	80 PLUS PLATINUM	
100W	649.2W	3.6W	15W				


Recommended Hardware System




With FAN Power Supply outputs specification

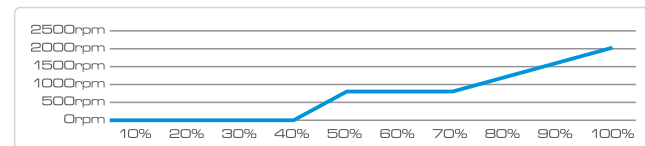
Model	Input						
MX750	100-240VAC, 50-60Hz, 10A						
+3.3V	+5V	+12V	-12V	+5V	Total Power		
20A	20A	65.5A	0.3A	3A	750W	80 PLUS PLATINUM	
100W	750W	3.6W	15W				

Model	Input						
MX850	100-240VAC, 50-60Hz, 11A						
+3.3V	+5V	+12V	-12V	+5V	Total Power		
20A	20A	70.8A	0.3A	3A	850W	80 PLUS PLATINUM	
100W	849.6W	3.6W	15W				

Model	Input						
MX1000	100-240VAC, 50-60Hz, 13A						
+3.3V	+5V	+12V	-12V	+5V	Total Power		
20A	20A	83.3A	0.3A	3A	1000W	80 PLUS PLATINUM	
100W	999.6W	3.6W	15W				

Model	Input						
MX1250	100-240VAC, 50-60Hz, 15A						
+3.3V	+5V	+12V	-12V	+5V	Total Power		
20A	20A	104.2A	0.3A	3A	1250W	80 PLUS PLATINUM	
100W	1250.4W	3.6W	15W				

FAN Curve Smart Fan control



OPERATING:

AMBIENT OPERATION TEMPERATURE:

0 to 40 °C.

AMBIENT OPERATION RELATIVE HUMIDITY: To 85% relative humidity (non-condensing)

SHIPPING / STORAGE:

AMBIENT STORAGE TEMPERATURE:-40 to 85 Deg C

AMBIENT STORAGE RELATIVE HUMIDITY: To 95% relative humidity (non-condensing)

EMC:

FCC Class B

CE Class B

Safety:

cTUVus/TUV/CB/CCC/BSMI/C-tick/KCC/PSE(available later)

Mechanical:

Dimension: W 140mm x L 150mm x H 86mm, +/-1mm.

Pin Layout Connection

Main Power Connector

Pin	Description	Pin	Description
1	+3.3V	13	+3.3V
2	+3.3V	14	-12V
3	COM	15	COM
4	+5V	16	PS-ON
5	COM	17	COM
6	+5V	18	COM
7	COM	19	COM
8	PG	20	---
9	+5Vsb	21	+5V
10	+12V	22	+5V
11	+12V	23	+5V
12	+3.3V	24	COM

+12V Power Connector

Pin	Description
1	COM
2	COM
3	+12V
4	+12V

Floppy Drive Connector

Pin	Description
1	+5V
2	COM
3	COM
4	+12V

Serial ATA Power Connector

Pin	Description
1	+3.3V
2	COM
3	+5V
4	COM
5	+12V

RGB Headers(4Pin RGB)

Pin	Wire Color
+12V	Yellow
G	Green
R	Red
B	Blue

Peripheral Connector

Pin	Description
1	+12V
2	COM
3	COM
4	+5V

PCI-E Power Connector

Pin	Description	Pin	Description
1	+12V	5	COM
2	+12V	6	COM
3	+12V	7	COM
4	COM	8	COM

Safety Regulation

Don't open the power supply unit since this can lead to injuries or may even lead to certain death.

- Don't insert an object into a spinning fan. This will damage the power supply unit or can lead to injuries.
- Don't use any brute force when connecting the power connectors. When the right connectors are selected it shouldn't be necessary to use any brute force.
- Keep the power supply in dry environments away from humidity. If case the power supply gets wet directly pull out the power plug if needed. It is for your own safety to avoid using the power supply again.
- Try to avoid using extension cables for the power connectors this can cause the cable to melt or even lead to fire.
- This power supply unit has been tested for PC usage, We cannot guarantee any safe or proper operation when used for other applications.

Installing the power supply

1. Make sure the power switch is turned off before installing the power supply unit.
2. Secure the power supply within the enclosure using 3 or 4 screws for grounding purpose.
3. Connect the power connectors according to the motherboard, graphic card or any other device's user guide.
4. Connect the AC power connector.
5. Switch on the power switch.

Troubleshooting

If your system does not turn on after installing the power supply please follow the troubleshooting guide as listed below:

1. Please make sure the AC power cord is correctly connected.
2. Within 5 years of warranty, we will offer free repairing service and will be responsible for one way shipping.
3. Please make sure the main power connector and the +12V power connectors are connected correctly to the motherboard.
4. If the power supply does not work properly, please contact our customer support immediately.

安全說明

- 請勿拆開電源供應器，以免導致受傷或甚至可能致命。
- 請勿將物體插入旋轉的風扇，以免損傷電源供應器或導致受傷。
- 請勿強行用力連接電源接頭，選擇正確的接頭時，不應強行用力連接。
- 請將電源供應器存放在遠離溼氣的乾燥環境之中，萬一電源供應器變溼，請在必要時拉出電源插頭。為了您安全著想，請避免再次使用電源供應器。
- 電源接頭應避免使用延長線，以免導致延長線熔化，或引發火災。
- 本電源供應器已針對PC使用所測試，用於其他應用時，我們無法保證任何安全或正確操作。本產品輸出含有危險能量，為避免操作時發生危險，須於裝入系統機殼並將所有設備安裝妥當後才可開啟電源。
- 為了保護使用者及防火的目的，安裝此交換式電源供應器時，必須安裝於符合下列各項要求的外殼中，並且安裝妥當後，才可接上電源。
 1. 外殼材質須為防火外殼
 2. 外殼的上方及側邊之圓形開孔，最大內徑不可大於5mm。
 3. 外殼的上方及側邊之長條型開孔，對角線距離不可大於5mm；若寬度小於1mm，則長度不受限制。
 4. 外殼底部不可有開孔。
- 本產品輸出含有危險能量，為避免操作時發生危險，須於裝入系統機殼並將所有設備安裝妥當後才可開啟電源。
- 本產品之電源輸出非屬電力限制型電源，請連接使用具防火外殼之周邊，以避免火災危險發生。

安裝電源供應器

1. 請在安裝電源供應器前，確定電源開關已關閉。
2. 為了接地，請使用3或4顆螺絲將電源供應器固定於機殼。
3. 根據主機板、顯示卡、或任何其他裝置的使用指南，連接電源接頭。
4. 連接AC電源接頭。
5. 開啟電源開關。

故障排除

若您的系統未在安裝電源供應器後開啟，請依照下述故障排除指南進行：

1. 請確定正確連接AC電源線。
2. 請確定已開啟電源開關。
3. 請確定主電源接頭與+12V電源接頭正確連接主機板。
4. 若電源供應器未正確作用，請立即聯繫我們的客服支援團隊。

Warranty

Mistel guarantees this device to be free of defects in material and workmanship and provide a minimum 5-years hardware limited warranty for the power supply on the date of purchase.

1. We will replace a new one to you if you have DOA issue on the product.
2. Within 5 years of warranty, we will offer free repairing service and will be responsible for one way shipping.
3. We will support repairing service after over 5 years warranty but the end user has to pay the 2 ways shipping cost.

This product is designed for computer usage only. Using this device in any other application will void the warranty. If you are not familiar with computer hardware installation, please ask for professional assistance.

The warranty applies to the power supply unit and does not include accessories.

The warranty applies to damages caused through normal use and is void if it is determined that the device was damaged because of abuse, alteration, misuse, negligence, incorrect voltage supply, air/water pollution, accidents or natural disasters. In case of any defect during the warranty period, please return your product to the dealer or retailer from whom you purchased for a replacement/repair.

Please contact our customer support team for any technical related questions.

Services e-mail: services@mistelkeyboard.com

Services email in US: service@mistel.us

TEL: +886-2-87513686

保固

Mistel保證本裝置自購買日起無材料與工藝瑕疵，並提供電源供應器至少5年的硬體有限保固。

1. 在購買新產品後七天內有發現產品異常，可以更換新品。
2. 在購買產品超過七天後，而仍然在5年保固內，如果產品出現異常，可以退回到我方的維修站維修或是跟當地銷售經銷商聯繫維修後服務，維修品的運費是一方一趨。
3. 如果產品已經超過保固5年，我們仍然提供維修服務，但是客戶需支付兩趟的運費。
4. 本產品僅供電腦之用，將本裝置用於任何其他應用，將會使保固失效。若您不熟悉電腦硬體安裝，請尋求專業協助。
5. 保固適用於電源供應器，但不包括配件。
6. 保固適用於正常使用下導致的損壞，且若判定裝置損壞是因濫用、修改、誤用、疏忽、不正確的電壓供應、空氣/水汙染、意外事故或天災而起，則保固失效。
7. 若在保固期間出現任何瑕疵，請將產品退還給您購買產品的經銷商或零售商以更換/維修產品。
8. 如有任何技術相關問題，請聯繫我們的客戶支援團隊。

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VISION