



MASTERWATT
MAKER

1200 MIJ

USER MANUAL

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MPZ-C002-AFBAT

1200W Active PFC Power Supply

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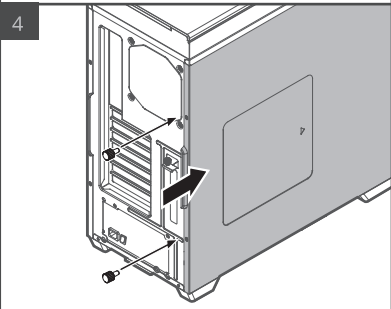
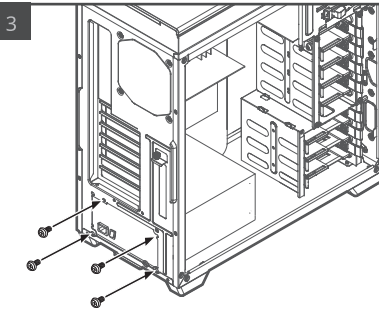
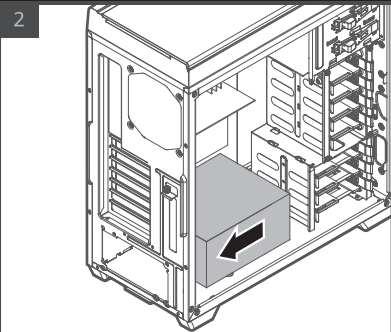
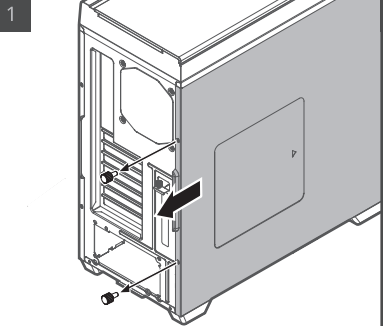
Type 類型/类型	Intel ATX 12V v2.4
Input Voltage 輸入電壓/输入电压	100-240V
Input Frequency 輸入頻率/输入频率	60-50Hz
Fan 風扇/风扇	135mm Silencio FP Fan
Power Good Signal P.G信號/P.G信号	100~500ms
Hold Up Time 維持時間/维持时间	16ms
Efficiency 效率/效率	94% Typically
MTBF 平均故障間隔時間/平均故障间隔时间	100,000Hours
Protection 保護/保护	OCP / OPP / OVP / OTP / SCP / UVP
Dimension 外觀尺寸/外观尺寸	150×224×86mm (5.9×8.8×3.4 inch)
Operation Temperature 操作溫度/操作温度	0°C to +50°C (Nominal Input Voltage)
Regulatory 安規/安规	TUV / CE / BSMI / FCC / UL / KC / CCC / EAC / RCM

MPZ-C002-AFBAT

AC Input	100-240V~ 15A - 6A 60-50Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
	25A	25A	100A	0.5A	3.5A
Total Power	130W		1200W	6W	17.5W
	1200W				

EN	1. Model Description / 2. Specifications
FR	1. Description du modèle / 2. Spécifications
IT	1. Descrizione modello / 2. Specifiche
PT	1. Descrição do modelo / 2. Especificações
NL	1. Beschrijving model / 2. Specificaties
DE	1. Modellbezeichnung / 2. Spezifikationen
ES	1. Descripción del modelo / 2. Especificaciones
RU	1. Описание модели / 2. Технические характеристики
HU	1. Modell ismertetése / 2. Műszaki adatok
PL	1. Opis modelu / 2. Specyfikacje
SR	1. Opis modela / 2. Specifikacije
TR	1. Model açıklaması / 2. Teknik özellikler
CT	1. 機種型號 / 2. 規格
CS	1. 机种型号 / 2. 规格
JP	1. モデルの詳細 / 2. 仕様

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EN	3. How to install power supply
FR	3. Comment installer l'alimentation électrique
IT	3. Come installare l'alimentatore
PT	3. Como instalar a fonte de alimentação
NL	3. De voeding installeren
DE	3. Anleitung zur Installation des Netzteils
ES	3. Cómo instalar la fuente de alimentación
RU	3. Установка блока питания
HU	3. A tápforrás telepítésének módja
PL	3. Jak zainstalować zasilacz
SR	3. Kako da instalirate izvor napajanja
TR	3. Güç kaynağı n i takma yöntemi
CT	3. 如何安裝電源
CS	3. 如何安装电源
JP	3. 電源の設置方法

4.1 Montherboard 24 Pin Connector

Pin1 Pin13



Pin	Description
1	+3.3V
2	+3.3V
3	COM
4	+5V
5	COM
6	+5V
7	COM
8	P.G.
9	+5V _{sb}
10	+12V
11	+12V
12	+3.3V

Pin	Description
13	+3.3V
	+3.3V _s
14	-12V
15	COM
16	PS-ON
17	COM
18	COM
19	COM
20	-----
21	+5V
22	+5V
23	+5V
24	COM

4.2 CPU 4+4Pin

Pin1 Pin5



Pin	Description
1	GND
2	GND
3	GND
4	GND

Pin	Description
5	+12V
6	+12V
7	+12V
8	+12V

4.3 PCI-e 6+2Pin Connector

Pin1 Pin5



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

Pin	Description
5	COM
6	COM
7	COM
8	COM

4.4 S-ATA Connector



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

4.5 Peripheral 4-Pin Connector



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

4.6 Floppy Connector



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

EN	4. Connector descriptions
FR	4. Description des connecteurs
IT	4. Descrizione dei connettori
PT	4. Descrição dos conectores
NL	4. Beschrijving aansluitingen
DE	4. Beschreibung der Anschlüsse
ES	4. Descripción de los conectores
RU	4. Описание разъемов
HU	4. Csatlakozók ismertetése
PL	4. Opis złączy
SR	4. Opisi konektora
TR	4. Bağlayıcılar ağız klamalar
CT	4. 線材接頭
CS	4. 线材接头
JP	4. コネクタの詳細

Europe – EU Declaration of Conformity

This device complies with the essential requirements of the R&TTE Directive 1999/5/EC. The following test methods have been applied in order to prove presumption of conformity with the essential requirements of the R&TTE Directive 1999/5/EC:

EN 60950-1:
2006+A11+A1:2010+A12:2011+A2:2013
Safety of Information Technology Equipment

EN 62311: 2008 / Article 3(1)(a) and Article 2
2006/95/EC)
Assessment of electronic and electrical
equipment related to human exposure
restrictions for electromagnetic fields (0 Hz-300
Ghz)

EN 300 328 V1.9.1: 2015-02
Electromagnetic compatibility and Radio
spectrum Matters (ERM);
Wideband transmission systems; Data
transmission equipment operating
in the 2,4 GHz ISM band and using wide band
modulation techniques;
Harmonized EN covering the essential
requirements of article 3.2 of the R&TTE
Directive

EN 301 489-1 V1.9.2: 2011
Electromagnetic compatibility and Radio
spectrum Matters (ERM); ElectroMagnetic
Compatibility (EMC) standard for radio
equipment and services; Part 1: Common
technical requirements

EN 301 489-17 V2.2.1 2012
Electromagnetic compatibility and Radio
spectrum Matters (ERM); ElectroMagnetic
Compatibility (EMC) standard for radio
equipment; Part 17: Specific conditions for
Broadband Data Transmission Systems

In Italy the end-user should apply for a license
at the national spectrum authorities in order to
obtain authorization to use the device for
setting up outdoor radio links and/or for
supplying public access to telecommunications
and/or network services.



Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for

compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

The product comply with the US portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Please visit our website at www.coolermaster.com

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