

# MARSRIVA

## User Manual

Line Interactive UPS

**1000VA**

[www.marsriva.com](http://www.marsriva.com)

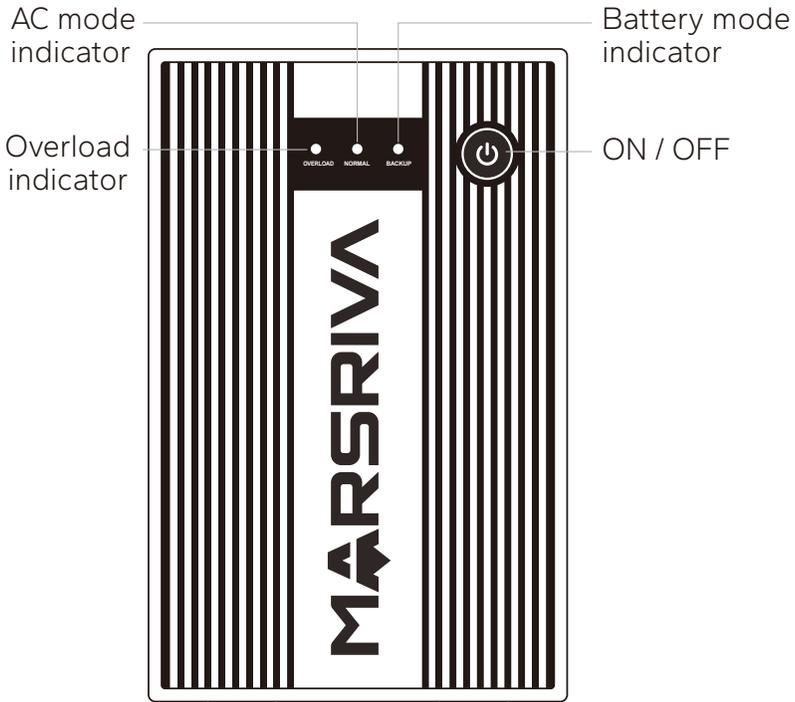
# PACKAGE CONTENTS

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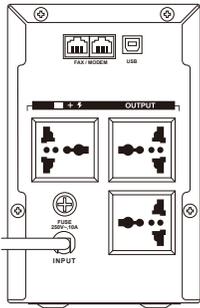
- ① UPS unit with AC power cord
- ② User manual
- ③ Software, User documentation CD(optional)
- ④ USB cable(optional)

# FRONT PANEL

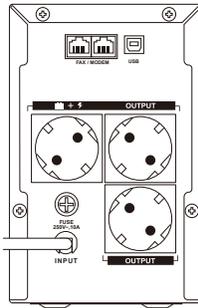
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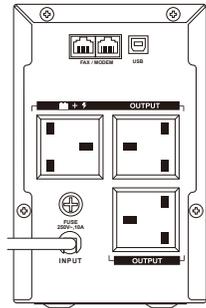
# REAR PANEL



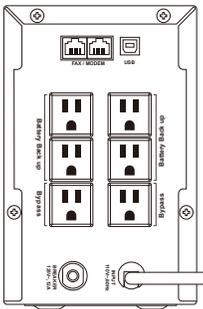
Universal Socket



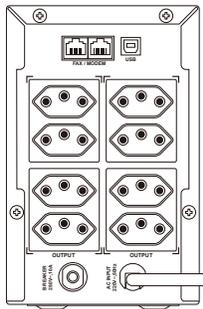
Type C



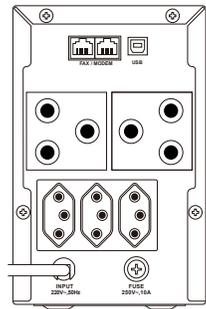
Type G



Type B



Type N



Type M

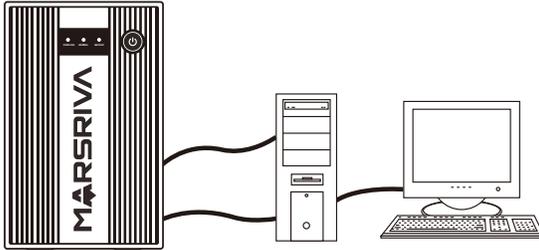
## SAFETY INSTRUCTIONS

- This unit is intended for indoor use only.
- Keep the indoor temperature between 32°F and 104°F (0°C and 40°C).
- Place the UPS on a stable surface.
- Avoid direct sunlight, contact with fluids, excessive dust, or humidity during operation.
- **Do not** plug the UPS into a surge protector or power strip.
- **Do not** connect the UPS to an ungrounded outlet.
- **Do not** connect another UPS, surge protector, or extension cord to the UPS.
- **Do not** remove the cover of the UPS.
- **Do not** open or mutilate batteries.
- **Do not** dispose of the batteries in a fire or they may explode.
- **Do not** short or bridge the battery terminals with any object.

# HARDWARE INSTALLATION GUIDE

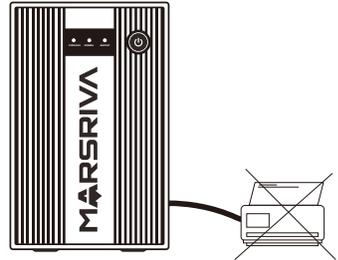
## 1. Connect equipment to UPS

With the UPS turned off and unplugged, connect your computer, monitor, or any other peripherals equipment to the outlets of the UPS.



### CAUTION!

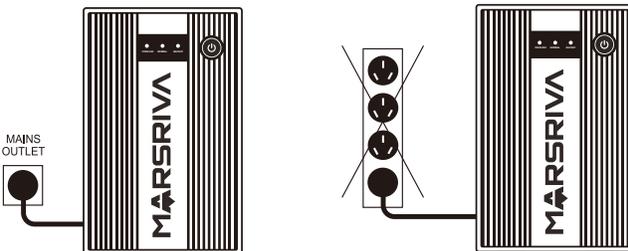
- **DO NOT** plug a laser printer, paper shredder, copier, space heater, vacuum, sump pump or other large electrical device into the outlets of UPS. The power demands of these devices will overload and possibly damage the unit.



- Ensure that the equipment plugged into the UPS does not exceed the UPS unit's rated capacity. An overload condition may occur if the rated capacities of the UPS are exceeded, which may cause the UPS unit to shut down or the circuit breaker to trip.
- Many factors can affect the amount of power that your electronic equipment will require. For optimal system performance, please keep the load below 80% of the unit's rated capacity.

## 2. Connect Input Power to UPS

Plug the UPS power cord directly into a wall outlet, not into a surge protector or power strip.



## CAUTION!

The UPS must be connected to an AC power outlet with fuse or circuit breaker protection. Do not plug the UPS into an outlet that is not grounded. If you need to de-energize this equipment, turn off and unplug the UPS.

### 3. Turn On the UPS

Press the ON/OFF button for approximately 2 seconds to turn the UPS on.

The "NORMAL" LED indicator light will illuminate green, and the UPS will "beep" once.

If an overload is detected, the Alarm will beep for about 5 seconds, and the UPS will shut down automatically. To correct this, please remove some loads, and then turn the UPS on. Make sure the circuit breaker (if available) is depressed.

## BASIC OPERATION

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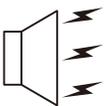
### 1. Turn On/Off the UPS



To turn the UPS on, press the power button for about 2 seconds - you will hear a constant tone (1 second) - and release after a short beeps.

To turn the UPS off, press the power button for about 2 seconds - you will hear a constant tone (1 second) - and release after two short beeps.

### 2. Alarm Settings



In Battery mode, the default setting is for the Alarm on.

To turn the Alarm off, quickly press the power button once.

To turn the Alarm back on, quickly press the power button once again.

\* When the UPS is overloaded, the Alarm will beep for about 5 seconds, and the UPS will shut down automatically.

\* When the UPS is low battery, the Alarm will constantly short beep until the UPS is connected to utility power.

### 3. Indicator

- **NORMAL**

The green LED is continuously bright when the utility power is normal and the UPS outlets provide power.

- **BACKUP**

The red LED is continuously bright in Battery mode.

- **OVERLOAD**

The yellow LED flashes when the UPS is overloaded.

### 4. Circuit Breaker

Located on the back of the UPS, the circuit breaker serves to provide overload and fault protection.

### 5. Communication port

The communication port allows the UPS unit to communicate with the computer. You can check the UPS status via the Power Manager II software installed.

\* For the UPS unit with communication port.



#### Note

To store the UPS for an extended period of time, please do not turn it off, disconnect all the equipment from it and store it with the battery fully charged. While in storage, please recharge the battery every three months to ensure optimal battery life.

### Computer Monitoring Software



This software is only suitable for machines with communication port, the default normal models are without communication port. Please consult and confirm whether the product has a communication port before purchasing.

# SPECIFICATIONS

Model	MR-UF1000	MR-UF1000A
Capacity	1000VA / 600W	
<b>Output</b>		
Output voltage	220V – 240V or 110V – 120V	
Output frequency	50Hz / 60Hz	
Waveform type	Simulated sine wave	
Transfer Time	Typical 2-6ms, 10ms Max	
<b>Input</b>		
Input voltage	220V – 240V or 110V – 120V	
Input voltage range	145V – 290V or 85V – 150V	
Input frequency	50Hz / 60Hz	
<b>Battery</b>		
Battery Type & number	12V / 7Ah*2	
Typical recharge time	4 – 6 hours recover to 90% capacity	
<b>Physical</b>		
Dimension, D*W*H (mm)	345 * 122 * 192	
Net weight (kg)	7	
Communication Interface	USB, RJ45 (Optional)	
<b>Environment</b>		
Audible noise	Less than 40dB (1 meter from surface)	
Operating temperature	0°C – 40°C	
Relative humidity	0 – 95% (No condensing)	

Specifications are subject to change without notice, and all product drawings are for reference only. Consult MARSRIVA for the latest design and specifications.

# TROUBLESHOOTING

Problem	Possible Cause	Solution
The UPS will not turn on.	The UPS has not been turned on.	Press the ON/OFF button for about 2 seconds and release after the UPS “beep” once.
	The UPS is not connected to utility power, there is no utility power available at the wall outlet.	Make sure the power cord is securely connected to the wall outlet, and that there is utility power available at the wall outlet.
Connected equipment loses power.	The UPS has experienced an overload condition.	Remove all nonessential equipment connected to the UPS. One piece of equipment is connected to the UPS at a time.
	The UPS battery is completely discharged.	Connect the UPS to utility power and recharge for 8 hours.
The UPS does not provide expected backup time.	The battery is not fully charged.	Recharge the battery by leaving the UPS plugged in. Typically, it needs 8 hours to fully charge the battery from total discharge.
	The battery is nearly worn out and needs replacement.	Replace the battery. Batteries typically last for several years, but their lifespan can be shorter if exposed to frequent power outages or high temperatures.

# WARRANTY TERMS

## 1. The warranty period of the Product

This warranty commences on the date the Product was first purchased by the customer. If the Date of purchase cannot be provided, the manufacture date as recorded.

## 2. Statutory Guarantees

This warranty is given independently of any statutory rights that may apply in the country of purchase and does not affect or limit such statutory rights in any manner whatsoever.

## 3. Exclusions from this Limited Warranty Service

Marsriva does not warrant the uninterrupted or error-free operation of this Product. The warranty only covers technical hardware issues during the Warranty Period and in normal use conditions but not to customer induced damages or circumstances such as but not limited to:

- The Product has been tampered with, repaired and/or modified by non-authorized personnel.
- The serial number of the Product, components, or accessories has been altered, canceled, or removed.
- Damage (accidental or otherwise) to the Product that does not impact the Product's operation and functions, such as without limitation to rust, change in color, texture or finish, wear and tear, and gradual deterioration;
- Damage to the Product caused by war, terrorism, fire, accident, natural disaster, intentional or accidental misuse, abuse, neglect or improper maintenance, and use under abnormal conditions.
- Damage to the Product caused by improper installation, or improper connection.
- Damage to the Product resulting from use outside of the operation, storage parameters, or environment detailed in the User's Manual.
- Fraud, theft, unexplained disappearance, or damages/detrimental circumstances caused by a willful act of the customer.

## 4. Privacy

It is necessary for MARSRIVA to collect, transfer, and process personal data in order to facilitate the requested service; and for this purpose, Your data may be transferred to and processed in any country where MARSRIVA or its affiliated companies maintains offices, However, MARSRIVA will use and protect Your personal data at any time and in any country subject to the MARSRIVA Privacy Policy.

## 5. Warranty and Support

This Warranty applies in the country of purchase. In this Warranty:

- Service procedures may vary by country.
- Some services and/or accessories may not be available in all countries.
- Certain countries may require additional documentation, such as proof of purchase or proof of proper importation.
- Contact us for more details at [support@marsriva.com](mailto:support@marsriva.com)

# Thank you for purchasing Marsriva product

This card entitles you to enjoy 1 year warranty on the product, including power adapter (if available) and battery.

<b>WARRANTY CARD</b>	
Product :	.....
Model :	.....
Purchase Date (DD / MM / YY) :	.....
Customer Name :	.....
Telephone Number :	.....
E-mail Address :	.....
Dealer's Name and Address :	..... ..... .....
Serial Number* :	.....



This Warranty applies only if the Product was newly manufactured on the Date of Purchase and not sold as used, refurbished, or manufacturing seconds. Please keep the proof of purchase and this warranty card for future service requests.

### **IMPORTANT!**

Please store this card in a secured location for future reference.  
Marsriva reserves the right to request this card before accepting repair requests.  
This does not affect or limit your mandatory statutory rights.

**MARSRIVA Technology Co., Ltd.**

Website: [www.marsriva.com](http://www.marsriva.com)

E-mail: [support@marsriva.com](mailto:support@marsriva.com)

Made in China



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