

TROUBLE SHOOTING

Use the table below to solve minor problems.

Problem	Possible Cause	Solutions
Nothing is displayed on LED/LCD panel.	The UPS is not on.	Press the power switch again to turn on the UPS.
	Battery voltage is too low.	Charge the battery at least 6 hours.
	Battery fault.	Replace the battery.
The UPS always on battery mode.	Power cord loose.	Re-plug the power cord.
The UPS continuously beeps.	Please check the fault code for the details.	Please check the fault code for the details.
Backup time too short.	Battery voltage is too low.	Charge the battery at least 6 hours.
	Overload.	Remove some unnecessary loads. Before reconnecting equipment, please verify that the load matches the UPS capability specified in the specs.
	Battery defect.	Replace the battery.

SPECIFICATIONS:

Model:	Powersafe 2000VA
Capacity:	2000VA
Input Voltage:	230 V AC
Voltage Range:	140 to 300 V AC
Frequency:	50 Hz
Output Waveform (batt mode):	Simulated sine wave
Battery:	12V 9AH x 2
Recharge time:	6-8 Hrs (Recharge to 90% Capacity)
Backup time:	Upto 75 mins* (Standard PC Load + 18.5" LED monitor)
Transfer time:	Typical – 4 to 8 ms ; Maximum – 13ms
Indicator:	AC Mode – Green LED light ; Backup Mode: Yellow LED Light ; Fault: Red LED Light
Backup Mode Alarm:	Yellow LED Light
Low Battery:	Beeping Every Second
Overload:	Beeping every 0.5 Seconds
Fault:	Continuous beeping
Net weight:	11.0Kg
Dimensions:	320mm x 130mm x 182mm
Compatibility:	For use with PC / IT equipment

* Battery backup may vary depending on the configuration of computer system & other devices used.

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For E-Waste compliance, please visit
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POWERSAFE 2000VA

USER MANUAL

INTRODUCTION

Thank you for purchasing an Artis Product

This UPS is designed to work with a personal computer and its peripherals

THE MAIN FEATURES OF THIS UPS ARE LISTED BELOW:

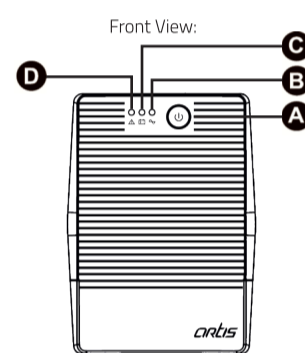
- Line interactive Design: Compact Size & Light weight
- Superior microprocessor control: Guarantees high reliability
- Ideal for Servers, Gaming Machines, Graphic Workstations
- Automatic Voltage Regulator (AVR) for Boost and Buck: Guarantees Voltage stabilization
- Cold Start Function
- Auto Restart while AC Recovery
- AC overload Protection
- Discharge, Overcharge and Overload Protection
- Generator Compatible

BOX CONTENTS: 1 x 2000VA UPS, 1 x User Manual

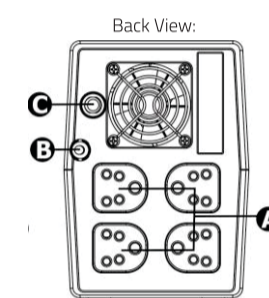
LED	Alarm	UPS Status
● Green	Off	The mains is normal and UPS is operated normally.
★ Yellow	Sounding every 10 seconds	Power failure occurs and UPS is on battery mode.
★ Yellow	Sounding every seconds	Low battery
○ Green	Off	UPS is off
● Red	Continuously sounding	UPS fault

● LED On ○ LED Off ★ LED flash

PRODUCT OVERVIEW:



A. Power Button C. Battery Mode: Yellow LED
B. AC mode: Green LED D. Fault: Red LED



A. Output Receptacles C. Trip / Reset
B. AC Input

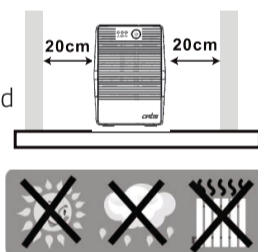
INSTALLATION, INITIAL STARTUP & OPERATION

NOTE: Before installation, please inspect the unit.

Be sure that nothing inside the package is damaged.

PLACEMENT AND STORAGE CONDITIONS:

Install the UPS in a protected area that is free of excessive dust and has adequate air flow. Please place the UPS away from any other devices or walls by at least 20 cm to avoid interference. Do NOT operate the UPS where the temperature and humidity is outside the specified limits. (Please check the specifications table for the limitations.)



CONNECTING TO A POWER SOURCE AND CHARGING

Plug in the UPS AC input cord to the wall outlet. For best results, please charge the battery for at least 6 hours before initial use. The unit charges its battery once it is connected to a Wall outlet and is switched on



CONNECTING YOUR PC/PERIPHERALS/DEVICES

Plug in your devices or PC to the to output receptacles on the rear panel of the UPS. Simply turn on the power switch of UPS unit, then the devices connected to the UPS will be protected by UPS unit.

CAUTION: Never connect a laser printer or scanner to the UPS unit. This may cause the damage of the unit.



TURNING THE UPS UNIT ON/OFF

Turn on the UPS unit by pressing the power switch. Turn off the UPS unit by pressing the power switch again

DC START FUNCTION

DC start function enables the UPS to be started up when AC Power is not available and the battery of the UPS is fully charged. Simply press the power switch to turn on the UPS.

IMPORTANT SAFETY INSTRUCTIONS

To safely operate this UPS please read and follow the below mentioned instructions carefully. Please read this user manual thoroughly before attempting to unpack, install and operate the UPS.

Please safely store this user manual for further reference if required.

- This UPS utilizes voltages that may be hazardous. Do not attempt to disassemble the unit. The unit contains no user replaceable parts. Please visit a authorized service center for repairs.

- To prevent the risk of fire or electric shock, install in a temperature and humidity controlled indoor area free of conductive contaminants. (See the specifications for the acceptable temperature and humidity range.)
- To reduce the risk of overheating the UPS, do not cover the UPS's cooling vents and avoid exposing the unit to direct sunlight or installing the unit near heat emitting appliances such as space heaters or furnaces.
- DO NOT attach non-computer-related items, such as medical equipment, life-support equipment, microwave ovens, or vacuum cleaners to UPS.
- Do not plug the UPS input into its own output.
- DO NOT allow liquids or any foreign object to enter the UPS. Do not place beverages or any other liquid-containing vessels on or near the unit.
- In the event of an emergency, press the OFF button and disconnect the power cord from the AC power supply to properly disable the UPS.
- DO NOT attach a power strip or surge suppressor to the UPS.
- With the installation of this equipment, it should be prevented that the sum of the leakage current of the UPS to the connected consumer exceeds 3.5mA.
- Attention hazardous through electric shock. Also with disconnection of this unit from the mains, hazardous voltage still may be accessible through supply from battery. The battery supply should be therefore disconnected in the plus and minus pole at the quick connectors of the battery when maintenance or service work inside the UPS is necessary.
- CAUTION! Servicing of batteries should be performed or supervised by personnel knowledgeable of batteries and the required precautions. Keep unauthorized personnel away from batteries.
- CAUTION! When replacing the batteries, use the same number and type of batteries.
- CAUTION! Internal battery voltage is 12VDC. Sealed, lead-acid, 6-cell battery.
- CAUTION! Do not dispose of batteries in a fire. The battery may explode. Do not open or mutilate the battery or batteries. Released electrolyte is harmful to the skin and eyes.
- CAUTION! Unplug the UPS prior to cleaning and do not use liquid or spray detergent.
- CAUTION! A battery can present a risk of electric shock and high short circuit current.

The following precautions should be observed before replacing batteries:

- 1)Remove watches, rings, or other metal objects.
- 2)Use tools with insulated handles.
- 3)Wear rubber gloves and boots.
- 4)Do not lay tools or metal parts on top of batteries.
- 5)Disconnect charging source prior to connecting or disconnecting batteries terminal.

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