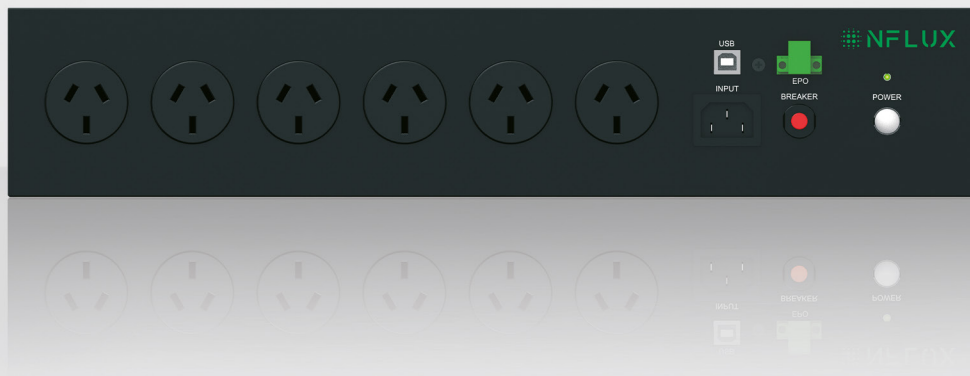




Standby **X3R Series**

800VA UPS





User Manual Standby UPS: 800VA

IMPORTANT SAFETY INSTRUCTIONS

This manual contains important instructions that should be followed during installation and maintenance of the UPS and batteries. Please read and follow all instructions carefully during installation and operation of the unit. Read this manual thoroughly before attempting to unpack, install, or operate.

 **CAUTION!** The UPS must be connected to a grounded 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.

 **CAUTION!** The battery can have hazardous live parts inside even when the AC input power is disconnected.

 **CAUTION!** To prevent the risk of fire or electric shock, install in a temperature and humidity controlled indoor area, free of conductive contaminants. (Please see specifications for acceptable temperature and humidity range).

 **CAUTION!** To reduce the risk of electric shock, do not remove the cover. There are no user serviceable parts inside.

 **CAUTION!** To avoid electrical shock, turn off the unit and unplug it from the AC power source before installing a computer component.

 **CAUTION! DO NOT USE WITH OR NEAR AQUARIUMS!** To reduce the risk of fire, do not use with or near aquariums. Condensation from the aquarium can come in contact with metal electrical contacts and cause the machine to short out.

 **CAUTION! DO NOT USE WITH LASER PRINTERS!** The power demands of laser printers are too large for a UPS.



INSTALLING YOUR UPS SYSTEM

UNPACKING

The box should contain the following: (1) UPS Unit x 1; (2) User Manual x 1;

OVERVIEW

The UPS ensures consistent power to your computer system and its included software will automatically save your open files and shutdown your computer system during a utility power loss.

HOW TO DETERMINE THE POWER REQUIREMENTS OF YOUR EQUIPMENT

1. Make sure that the total Volt-Amp (VA) requirements of your computer, monitor, and peripheral equipment does not exceed rated capacity.
2. Ensure that the equipment plugged into the battery power-supplied/surge outlets does not exceed the UPS unit's rated capacity. If the rated unit capacities are exceeded, an overload condition may occur and cause the UPS unit to shut down or the circuit breaker to trip.

HARDWARE INSTALLATION GUIDE

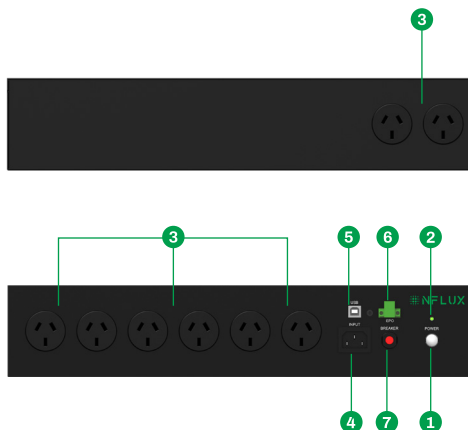
1. Your new UPS may be used immediately upon receipt. However, recharging the battery for at least 8 hours is recommended to ensure that the battery's maximum charge capacity is achieved. Charge loss may occur during shipping and storage. To recharge the battery, simply leave the unit plugged into an AC outlet. The unit will charge in both the on and off position.
2. With the UPS unit off and unplugged, connect the computer, monitor, and any externally powered data storage device into the battery power supplied outlets. DO NOT plug a laser printer, copier, space heater, vacuum, paper shredder or other large electrical device into the UPS. The power demands of these devices will overload and possibly damage the unit.
3. Plug the UPS into a 2 pole, 3 wire grounded receptacle (wall outlet). Make sure the wall branch outlet is protected by a fuse or circuit breaker and does not service equipment with large electrical demands (e.g. air conditioner, refrigerator, copier, etc.) Avoid using extension cords.
4. Depress the power switch to turn the unit on. The power on indicator light will illuminate and the unit will "beep".
5. If an overload is detected, an audible alarm will sound and the unit will emit one long beep. To correct this, turn the UPS off and unplug at least one piece of equipment from the outlets. Wait 10 seconds. Make sure the circuit breaker is depressed and then turn the UPS on.
6. Your UPS is equipped with an auto-charge feature. When the UPS is plugged into an AC outlet, the battery will automatically recharge.
7. To maintain optimal battery charge, leave the UPS plugged into an AC outlet at all times.
8. To store your UPS for an extended period, cover it and store with the battery fully charged. Recharge the battery every three months to maintain battery life.



BASIC OPERATION

DESCRIPTION

- 1. Power On/Off Switch**
Press the power switch to turn the UPS ON or OFF.
- 2. LED Indicators**
A single green LED provides information on the UPS operation. The LED light will change from solid, to flashing slowly, flashing quickly or a mixture depending on the condition. Refer to the "Definitions for Illuminated LED Indicator" section in this manual for more details.
- 3. Battery Backup & Surge Protected Outlets**
These outlets provide battery backup and surge protection. They ensure power is provided to connected equipment over a period of time during a power failure.
- 4. AC Inlet**
Connect to utility power through the input power cord.
- 5. USB Port**
This port allows connection and communication from the USB port on the computer to the UPS unit.
- 6. EPO Port**
Enables the UPS to be remotely turned off in the event of an emergency. If the EPO terminal is open or removed the UPS will turn off and power to the outlets will be shutdown immediately.
- 7. Input Circuit Breaker**
The Circuit Breaker provides optimal overload protection.



DEFINITIONS FOR ILLUMINATED LCD INDICATORS

LED	Alarm	Condition
On	Off	Normal
Flash	One beep every 30 seconds	Utility Failure - The UPS is running on batteries.
Flash	One beep every 2 Seconds	Utility Failure - The UPS is running on battery power, however the batteries are running low and the UPS will soon turn off.
On/Flash	One beep every 0.5 Second	Overload - Occurs when connected equipment exceeds the rating of the unit. Turn the UPS off and unplug at least one piece of equipment from the UPS.



TECHNICAL SPECIFICATIONS

Model	X3R-800
Capacity (VA/W)	800/480W
Input	
Voltage Range	180~270Vac
Frequency Range	47~63Hz (Auto Sensing)
Output	
On Battery Output Voltage	Simulated Sine Wave at 220-240Vac +/-10%
On Battery Output Frequency	50/60Hz +/-1%
Overload Protection	On Utility: Circuit Breaker and Internal Current Limiting On Battery: Internal Current Limiting
Surge Protection	
Lightning / Surge Protection	Yes
Physical	
Maximum Dimensions (L x W x H)	438 x 150 x 86 mm
Battery	
Sealed Maintenance Free Lead Acid Battery	12V9AH x1
Typical Recharge Time	8 hours
Environmental	
Operating Temperature	0C to 40C
Relative Humidity	0 to 90% (Non-condensing)
Management	
Auto-Charger	Yes
Auto-Restart	Yes
USB	Yes
EPO	Included



TROUBLESHOOTING

Problem	Possible Cause	Solution
The outlets stop providing power to equipment. Circuit breaker button is projecting from the side of the unit.	Circuit breaker has tripped due to an overload.	Turn the UPS off and unplug at least one piece of equipment. Reset the circuit breaker by depressing the button, and then turn the UPS on.
The UPS does not provide the expected runtime.	Battery is not fully charged.	Recharge the battery by leaving the UPS plugged in.
	Battery is slightly worn out.	Contact NFLUX Technical Support.
The UPS will not turn on.	The on/off switch is designed to prevent damage by rapidly turning it off and on.	Turn the UPS off. Wait 10 seconds and then turn the UPS on.
	The battery is worn out.	Contact NFLUX Technical Support.
	Mechanical problem.	Contact NFLUX Technical Support.

SOFTWARE DOWNLOAD

Elevate your power system management with the **NFLUX Management Software**, a sophisticated tool offering a seamless and user-friendly interface for unparalleled control. Our Graphic User Interface (GUI) is designed with intuition in mind, presenting essential power information at a glance.

Navigate effortlessly through a wealth of power data, allowing you to monitor, analyze, and optimize your systems with ease. The intuitive design of the GUI ensures a user-friendly experience, making power management accessible to all levels of expertise.

For detailed instructions on installation, features, and functionalities, visit our official website at www.nflux.com.au

There, you can download the software along with comprehensive manuals to empower you with the knowledge to harness the full potential of your power systems. Unleash the capabilities of **NFLUX Management Software** and take command of your power infrastructure like never before.



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