

INSTALLATION & OPERATION

1 Inspection

The following items are inside the box:

- UPS unit
- mains lead
- output lead
- User manual

Remove the UPS from its package and inspect it for damage that may have occurred during shipping. If any damage is discovered, re-pack the unit and return it to the place of purchase.

2 Connect to Utility Power

Connect AC power cord to utility power. The UPS will start to charge the internal battery. The UPS can be used immediately but full backup will not be available until the battery has been charged for 6 hours..

3 Connect Modem/Phone Line

(only for the model with RJ-11 port)

This UPS protects a single line (1 in/1 out) phone, modem, or fax machine from surges when connected through the UPS. Plug in incoming telecom line into the "IN" socket. Use another telecom line cable in the "OUT" socket and plug the other end to the modem input socket.

4 Plug in Equipment

Plug your equipment to the Battery Backup Outlets on the rear panel of the UPS.

NOTE: Make sure that the UPS is powered on to protect all important devices from data loss during power failure.

CAUTION: NEVER connect a laser printer or scanner to the battery backup outlets of UPS. The equipment may draw a significant amount of power, overloading the UPS.

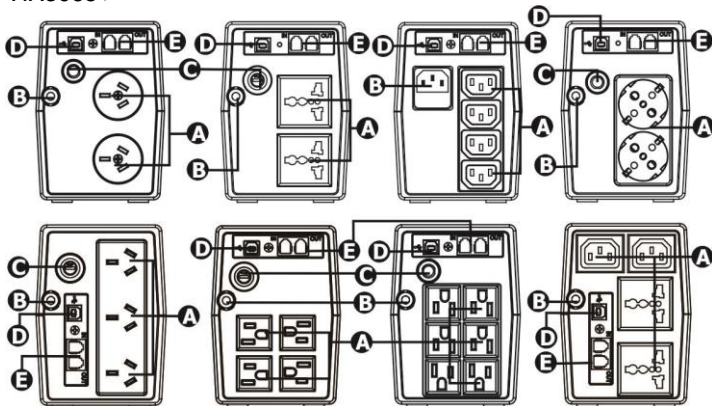
5 Connect Com Port and Install Software

(only for the model with USB port)

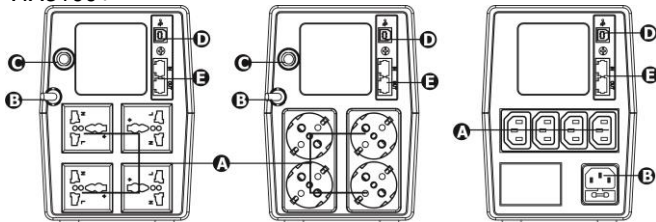
To monitor the status of the UPS and allow shut down of a connected computer, connect one end of the USB cable to the computer and the other to the USB port at the rear of the UPS. Download the latest version of ViewPower software from <http://www.power-software-download.com> to your hard drive. Follow on-screen instructions to complete the software installation.

REAR PANEL

VIX3065+



VIX3100+



- A** Battery backup outlets:
- B** AC input
- C** Fuse/Circuit breaker (option)
- D** USB com. port (option)
- E** Modem/Phone line surge protection (option)

LCD DISPLAY

Operation Display

UPS Mode	LCD	Description
UPS Power on		When UPS is powered on, it will enter this mode for 4 seconds.
AC Mode		LCD information will be displayed in the following order when LCD is touched. <ol style="list-style-type: none"> Output voltage Input voltage Load level Battery capacity
Overload in AC mode		When overload occurs, alarm will beep every 0.5 second.
Battery Mode		Alarm will beep every 10 seconds and LCD information will be displayed in the following order when LCD is touched. <ol style="list-style-type: none"> Output voltage Input voltage Load level Battery capacity
Overload in battery mode		When overload occurs, alarm will beep every 0.5 second.

NOTE: If backlight shuts off, you may activate it by touching the screen.

Fault Code Table:

Fault condition	LCD	Solutions
Output short circuited	F01	Disconnect short-circuited loads and restart the UPS again.
Overload fault	F02	Disconnect all output loads and restart the UPS again.
Overcharge	F03	Call for service immediately.
Bad or severely discharged battery	F04	Please replace the battery.
High output voltage fault	F05	Call for service immediately.
Over-temperature	F06	<ol style="list-style-type: none"> Turn off the unit and wait until cool Or remove excessive loads and wait until cool

If fault alarm occurs, please call for service immediately.

SAFETY CAUTION

SAVE THESE INSTRUCTION-This manual contains important instructions that should be followed during installation and maintenance of the UPS and batteries.

- This UPS utilises voltage that may be hazardous. Do not attempt to disassemble the unit. The unit contains no user replaceable parts. Only factory service personnel may perform repairs.
- This pluggable type A equipment with battery already installed by the supplier is operator installable and may be operated by non-skilled personnel.
- The mains socket outlet that supplies the UPS shall be installed near the UPS and shall be easily accessible.
- During the installation of this equipment it should be assured that the sum of the leakage currents of the UPS and the connected loads does not exceed 3.5mA.
- Connection to any other type of receptacle other than a two-pole, three-wire grounded receptacle may result in shock hazard as well as violates local electrical codes.
- 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 allow any liquids or any foreign object to enter the UPS. Do not place beverages or any other liquid-containing vessels on or near the unit.
- This unit intended for installation in a controlled environment (temperature controlled, indoor area free of conductive contaminants). Avoid installing the UPS in locations where there is standing or running water, or excessive humidity.
- Do not plug the UPS input into its own output.
- Do not attach a power strip or surge suppressor to the UPS.
- Do not attach non-computer-related items, such as medical equipment, life-support equipment, microwave ovens, or vacuum cleaners to UPS.
- Do not dispose of batteries in a fire as they may explode.
- A battery can present a risk of electrical shock and high short circuit current. The following precautions should be observed when working on batteries:
 - 1) Remove watches, rings, or other metal objects from the hands.
 - 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.
 - 6) Determine if the battery is inadvertently grounded. If inadvertently grounded, remove source from ground. Contact with any part of a grounded battery can result in electrical shock. The likelihood of such shock can be reduced if such grounds are removed during installation and maintenance.
- Internal battery voltage is 12VDC, sealed, lead-acid, 6-cell battery.
- Servicing of batteries should be performed or supervised by personnel knowledgeable of batteries and the required precautions. Keep unauthorised personnel away from batteries.
- When replacing batteries, replace with the same number and type of sealed lead-acid battery.
- Do not open or mutilate the battery or batteries. Released electrolyte is harmful to the skin and eyes. It may be toxic.
- Attention, hazardous through electric shock. Also after disconnection of this unit from the mains, hazardous voltage may still be accessible through supply from the battery. The battery supply should be therefore disconnected in the plus and minus poles at the connectors of the battery when maintenance or service work inside the UPS is necessary.
- To reduce the risk of overheating the UPS, do not cover the UPS' cooling vents and avoid exposing the unit to direct sunlight or installing the unit near heat emitting appliances such as space heater or furnaces.
- Unplug the UPS prior to cleaning and do not use liquid or spray detergent.
- **WARNING:** This is a category C2 UPS product. In a residential environment, this product may cause radio interference, in which case the user may be required to take additional measures.

SPECIFICATIONS

MODEL	VIX3065+
CAPACITY	600VA/360W
Input Voltage	220/230/240 VAC
Input Voltage Range	162-290 VAC
Output Voltage Regulation	± 10 % (Bat. mode)
Transfer Time	Typical 2-6 ms
Waveform	Simulated Sine Wave
Battery Type & No	12V/7Ahx1
Charging Time	6 hours recover to 90% capacity
Dimension (DxWxH)	300 x 101 x 142 mm
Net Weight (kgs)	4.4
Humidity	0-90% RH @ 0-40°C non-condensing)
Noise Level	Less than 40dB

MODEL	VIX3100+
CAPACITY	1KVA/600W
Input Voltage	220/230/240 VAC
Input Voltage Range	162-290 VAC
Output Voltage Regulation	± 10 % (Bat. mode)
Transfer Time	Typical 2-6 ms
Waveform	Simulated Sine Wave
Battery Type & No	12V/7Ah x 2
Charging Time	6 hours recover to 90% capacity
Dimension (DxWxH)	320 x 130 x 182
Net Weight (kgs)	8.2
Humidity	0-90% RH @ 0-40°C non-condensing)
Noise Level	Less than 40dB

*Specifications are subject to change without notice.

TROUBLESHOOTING

Problem	Possible Cause	Solutions
Nothing is displayed on 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 for at least 6 hours.
	Battery fault.	Replace the battery.
The UPS is always on battery mode.	Power cord loose. Fuse blown or circuit breaker tripped.	Re-plug the power cord. Check fuse/circuit breaker
The UPS continuously beeps.	Fault	Check the fault code for the details.
Backup time too short.	Battery voltage is too low.	Charge the battery for at least 6 hours.
	Overload.	Remove unnecessary loads. Before reconnecting equipment, please verify that the load matches the UPS capability specified in the specs.
	Battery defect.	Replace the battery.

If any abnormal situations occur that are not listed above, please call for service immediately.