

POWER
Inspired



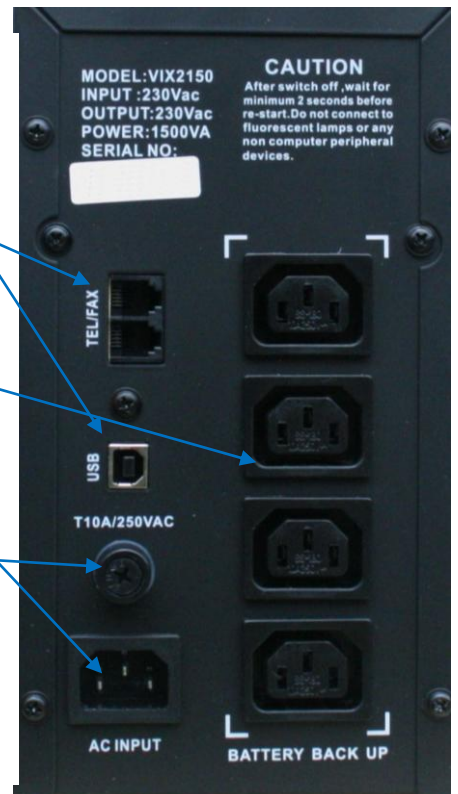
VIX SERIES UPS

USER MANUAL

IDENTIFICATION



Output Cable



- USB Port
- Tel/Fax Surge Protector
- Battery Backed Outlets
- Input Power
- Fuse
- Surge Only Outlet (VIX2060 only)

VIX2060

VIX2120 / 2150

INSTALLATION

Remove the input power lead from your computer and connect this to the AC "Input Power". Connect one end of the Output Cable provided to a Battery Backed Outlet, and the other to your computer.

Remove your telecommunications equipment lead from the apparatus and connect to the TEL/FAX protector. Using the lead provided connect from the additional TEL/FAX protector port to your apparatus. (NOTE: This is to provide surge protection on telephony lines and is not required for operation of the UPS).

Connect the USB lead provided to the USB port and the other to a spare USB port on your computer (NOTE: This is to for software shutdown features - you do not need to install the software for the UPS to operate).

Install the software on your Windows or Linux based computer following the instructions provided.

The serial number you are required to enter is the serial number on the software sleeve - not the UPS serial number.

OPERATION

To switch on, press the 'POWER SWITCH' button on the front of the UPS. The UPS will emit an audible alarm to confirm.

If mains power is present the GREEN LED will be illuminated and the UPS will be providing power in AC Mode.

If no mains power is present the RED LED will be illuminated and the UPS will be providing power from its batteries in BATTERY Mode.

When operating in AC Mode the UPS will constantly trickle charge the battery and the YELLOW LED will be illuminated.

If the unit is operating in BATTERY MODE and no load (or a very light load) is connected the UPS will automatically switch off after 1 minute. This is to protect the batteries against deep discharge.

To switch off, press the 'POWER SWITCH' button on the front of the UPS.

TROUBLESHOOTING

YELLOW LED	GREEN LED	RED LED	UPS STATUS
ON	OFF	OFF	AC Normal, UPS Off, Charging Battery
ON	ON	OFF	AC Normal, UPS ON in AC Mode. Charging Battery
OFF	OFF	BLINKING	AC Abnormal, UPS ON in BATTERY Mode
OFF	OFF	ON	Low Battery Voltage (UPS about to shut off), UPS Overloaded (Remove connected load). Short Circuit (Remove fault)
OFF	OFF	OFF	UPS switched off, or auto switch off after discharge.

Buzzer	UPS Status
No Beeps	UPS Normal
Beeps once per 5 seconds	AC Abnormal, UPS in BATTERY Mode
Beeps twice every other second	Battery Voltage Low
Beeps 4 times every 2 seconds	UPS Overloaded (Remove connected load)
Beeps Continuously	UPS Fault / ShCort Circuit

SPECIFICATIONS

	MODEL		
	VIX2060	VIX2120	VIX2150
RATING			
VA	600	1200	1500
WATTS (Resistive Load)	360	720	900
INPUT			
AC Input Voltage	230Vac Nominal		
Input Frequency (Typical)	40-70Hz		
OUTPUT			
AC Output Voltage	230Vac Typical		
AC Output Voltage Tolerance	Nominal $\pm 10\%$		
Output Frequency	50Hz		
Output Frequency Stability (Battery Mode)	<0.5Hz		
Output Waveform (AC Mode)	As Input		
Output Waveform (BATTERY Mode)	Stepped Sine Wave		
Power Factor	0.6		
Transfer Time	10ms Typical		
Batteries (Ratings at 25°C)			
Nominal Voltage	12V		
Number & Capacity	1x7Ah	2x7Ah	2x9Ah
Type	12V Sealed Lead Acid Maintenance Free		
Service Life	1-3 Years (depending upon use)		
Battery Recharge to 90% Capacity	Approx 8 hours		
Runtime at full load	>3 minutes		
Runtime at 50% load	>8 minutes		
Physical			
Dimensions (HxWxD mm)	163 x 96 x 320	225 x 124 x 382	
Enclosure	Steel / Plastic IP20		
Net / Gross Weight (kg)	6.3 / 6.6	12.8 / 13.3	13.0 / 13.7
Environmental			
Safety	EN 50091-1-1		
EMC	EN 50091-2		
Operating Temp	0 - 40°C		
Audible Sound @ 1m	<45 dBA (Alarm only)		
Max Humidity	95% (Non Condensing)		

HELP & SUPPORT

For further help and advice on the VIX Series UPS visit www.powerinspired.com/vix-series-ups-faq/. For any other issues please contact Power Inspired Ltd at info@powerinspired.com

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