

Appendix Specifications

INPUT	Voltage Range	145V~290V
	Frequency	60Hz±0.5
OUTPUT	Voltage (on battery)	Simulated sine wave at 205V~235V
	AVR	AVR automatically increase output voltage 15% above input voltage, if -9% to -25% of nominal. AVR decrease output voltage 15% below input voltage if +9% to 25% of nominal
	Transfer Time	≤10ms
BATTERY	Type	Sealed, maintenance-free lead acid
	Typical Recharge Time	10-12 hours
	Protection	Automatic self-test & discharge protection, replace battery indicator
	Backup Time	3-20 minutes (depending on computer load)
ALARM	Battery Backup	Slow beeping sound (once per 8 seconds)
	Battery Low	Rapid beeping sound (once per 0.5 second)
	Overload	Continuous beeping sound
ENVIRONMENT	Ambient Operation	3500 meters max. Elevation, 0-95% humidity non-condensing, 0-40°C
	Audible Noise	<40dBA (1 meter form surface)
	Storage condition	1500meters max.

Specifications usbject to change without notice

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This Product falls under e-waste (Management and Handling) Rules, 2011. For proper disposal method, visit our website.

User Manual



UPS 1500 MISSION Uninterruptible Power Supply IT-M1500VA

STAY POWERED



Dear User:

Thank you for purchasing INTEX UPS . You are sincerely recommended to read this manual carefully & completely prior to use for best usage of this device .

Presentation

The UPS is a standby Uninterruptible Power System (UPS). When utility input is normal, the UPS would provide surge protection and energy to charge the internal battery. If the utility input is abnormal, the UPS can supply AC power to the load immediately.

- (1). Utilizes microprocessor based controls; it will minimize the dependency on hardware. Beside this, it maximizes system's flexibility and optimizes the assurance of reliability.
- (2). Automatic frequency selection to mate with utility power.
- (3). High level battery charger to prolong battery's life and fully charge the battery.
- (4). With actually overload protection both in line and battery mode.

Installation & Operation

- Inspect the UPS upon receipt. The package is recyclable; save it for reuse or dispose of it properly.
- The input power cord on the rear panel needs to plug into a socket on the wall. Please notice the voltage of utility power should match with the UPS.
- The employed equipment's power cords (such as computer) are plugged into the sockets on the rear panel.
- While utility input in connected to the UPS, press the power switch for 3 seconds. After that, connect the electrical cords of the equipment that is going to be used such as computer or monitor with the terminal on the rear panel of UPS.
Attention: PC and monitor can be connected with the UPS output for protection. The max total power consuming should be less than its max rating.
Attention: Push down the UPS' 'Power' button, the normal 'green led' will turn in for normal commercial input power.
Attention: If UPS has not been used for 3 months of the period. The first time turning on UPS have to be connected with commercial input power for at least 6 hours of recharging the battery to ensure the battery life and performance.
Attention: This particular model of UPS can not be connected with external battery pack for longer battery back up time.
Attention: If there is RS232 connector on the rear panel, please see the enclosed CD for the instruction of how to install and how to use . Be noted that if there's not RS232 connector on the rear panel, there isn't any CD enclosed.
- Press the power switch for 3 seconds to turn off the UPS.

Alarm

'BACKUP' (Slow Alarm)

When the UPS is working under 'BACKUP' mode, the UPS would emit audible alarm. The alarm stops when the UPS is return to 'LINE' mode operation. Anyone can stop the alarm by press the power switch during backup mode.

Attention: The alarm of 'BACKUP' is going to beep every 8 seconds (Slow-speed beep).

'LOW BATTERY' (Rapid Alarm)

In the 'BACKUP' mode, when low battery occurs (about 20%--30%). The UPS beeps rapidly until the UPS shuts down from battery exhaustion or returns to 'LINE' mode operation.

Attention: The alarm of the batteries caused by low voltage beeps every 0.5 second.

Attention: The rapid alarm under 'LOW BATTERY' condition can not be muted.

'OVERLOAD' (Continuous Alarm)

When the UPS is working under overload condition (the connected loads exceed the maximum rated capacity), the UPS will emit continuous alarm to warn an overload condition. In order to protect the unit and the loads, the UPS will be automatic turn off. Please disconnect nonessential devices from UPS to estimate the overload alarm.

Troubleshooting

PROBLEM	POSSIBLE CAUSE	ACTION TO TAKE
UPS cannot turn on	Battery voltage less than 10v	Recharge the UPS at least 6 hours
	PCB failure	Replace the PCB, call for service
UPS always at battery mode	Power cord loose	Plug in the power cord
	AC Fuse burnt out	Reset the AC Fuse
	Line voltage too high, too low or black out	Normal condition
	PCB failure	Replace PCB, call for service
Backup time too short	Battery not fully charged	Recharge the UPS at least 6 hours
	PCB or battery failure	Replace PCB or battery, call for service
Buzzer continuous beeping	Overload	Remove some loads
	Battery exhaustion	Charge the battery