

UMS SERIES

700 ~ 1500VA



General introduction

This UPS is specially designed for Personal Computer with multi-functions. Its light weight, compact design perfect fits to the limited working environment. The line of UPS is equipped with two boost and one buck AVR to stabilize wide input voltage range. It is also built-in with DC start function. This function enables the UPS to be started up without AC power supply. Although it's a small UPS, The main features of UPS are listed below:

Features

- Line Interactive UPS with simulated sinewave output
- Excellent microprocessor control guarantees high reliability (Internal self-diagnostic technology)
- Boost and buck AVR for voltage stabilization (wide input range with two boost and one buck control)
- Auto restart while AC is recovering
- Cold start function

- Off-mode charging
- Fast intelligent battery recharge function
- Generator compatible
- Offering LED and LCD panels for selections
- Optional USB/RS232 communication port and RJ11/RJ45 protection



Two kinds of color LCD display

LED display

- ① AC input
- ② Output socket
- ③ USB & RJ11 communication
- ④ USB & RS232 communication
- ⑤ RJ45



Optional socket



Rear Panel

| MODEL | UMS-1000VA |
|--|---|
| Condition | New |
| Output power capacity | 1000va/600w |
| Technology: | Line interactive, vi technology |
| Output connections: | 4xiec with surge protection and backup |
| Ac voltage regulation (Battery mode) | ±10% |
| Frequency range (Battery mode) | 50/60hz ±1 hz |
| Transfer time | Typical 4-8ms, 13ms max. |
| Waveform (Battery Mode) | Simulated sinewave |
| Input voltage | 140vto 300v |
| Output voltage on battery: | 220v |
| Output frequency: selection | 50/60 hz auto selection |
| Surge protection: | Total energy dissipation 220 joules |
| Protection: | User/resettable circuit breaker /fuse |
| Full protection | Short circuit, overload, overcharge and overdischarge protection |
| Battery: | Sealed lead- acid battery |
| Battery monitoring: | Battery replacement indicator (red led) |
| Battery voltage | 24vdc |
| Battery type & number | 12 v / 7ah x 2 |
| Recharging time: | Less or equal to 8hrs |
| Led display (led version) | Ac mode, battery mode, overload, fault |
| Lcd display (Lcd version) | Ac mode, battery mode, load level, battery level, input voltage, output voltage, overload, fault, and battery low |
| Start up without main power: | Can be used as a mobile power source |
| User interfaces: | One illuminated on/ off button, one fault and overload, one battery fault led + audible alarms |
| Accessories: | 2 ups cables for pc and monitor and user manual |
| Alarm - battery mode | Sounding every 10 seconds |
| Alarm - low battery | Sounding every second |
| Alarm - overload | Sounding every 0.5 second |
| Alarm - battery replacement alarm | Sounding every 2 seconds |
| Alarm - fault | Continuously sounding |
| Power management: Communication port | Usb or rs232(supports windows® 2000/2003/xp/vista/2008, windows® 7, linux, unix, and mac) |
| Typical run time: | Backup time around 3 min @400w load |
| Operating environment Humidity | 0-90 % rh @ 0- 40°c (non-condensing) |
| Noise level | Less than 45db |
| Physical Approx. Dimension d * w * h (mm) | 353*149*162 |
| Physical approx. Net weight (kgs) | Approx. 7.8 |
| Warranty: | 2 years (for any hardware failure) |