

UMS SERIES

2400VA



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-2400VA
Condition	New
Output power capacity	2400VA/ 1440W metal case
Technology:	Line interactive, vi technology
Output connections:	4 x IEC with surge protection and backup, 4 x IEC with surge protection
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	140v to 300v
Output voltage on battery:	220v
Output frequency: selection	50/60 hz auto selection
Surge protection:	Total energy dissipation 400 joules
Protection:	User/resettable circuit breaker /fuse
Full protection	Short circuit, overload, overcharge and over discharge protection
Battery:	Sealed lead- acid battery
Battery monitoring:	Battery replacement indicator (red led)
Battery voltage	48vdc
Battery type & number	12 V / 7Ah x 4
Recharging time:	7 hrs
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 5m @900W load
Operating environment Humidity	0-90 % rh @ 0- 40°C (non-condensing)
Operating environment Noise level	Less than 55dB
Physical Approx. Dimension d * w * h (mm)	436*145*212
Physical approx. Net weight (kgs)	Approx. 20
Warranty:	2 years (for any hardware failure)