



Voltsure™

ULTIMA UPS

The Sollatek Ultima UPS Range

Uninterruptible power - for constant productivity,
designed for office and home environments





The NEW Sollatek Ultima UPS

A robust, fully line-interactive UPS system, Ultima provides a solidly reliable source of back-up computing power. Enabling all computer users to remain wholly productive - especially in regions of uncertain public electricity supply - Ultima boasts a wealth of superlative features at a competitively low price.

Continuous power: it's crucial.

Power problems - surges, brownouts and utility failures - can place your business at great risk. The busier and more complex your computing network, the greater the risk. And if power failure means productivity loss, this threatens your company's performance and profitability - and perhaps even its very existence.

Yet an uninterruptible power supply (UPS) is easy to install and costs next to nothing. Given the potential price of power failure, an effective UPS is indispensable. And your ideal UPS protection is available now - with Sollatek's Ultima range.



Ultima UPS 400 / 600 / 800

Ultima features

- Microprocessor controlled line interactive UPS.
- Automatic Voltage Stabiliser.
- RS232 and USB communications port with software for controlling the PC for safe shutdown and UPS parameter reporting via user friendly interface.
- Unique system for charging battery even during a brown out.
- Short circuit and overload protection.
- Cold start feature for load shedding environments.
- Bad battery detection and advance replacement notification (3 months ahead).
- Free power monitoring and PC shutdown software included.
- Green power function for energy saving.
- Auto restart while AC recovery.
- Compact size and light weight.
- Provides modem/phoneline surge protection.

What size Ultima UPS is right for you?

The power of a UPS is measured by its VA rating, which should match or preferably exceed that of your computer. If your computer's current is rated at, say, two amperes (you can check its back panel for this information) multiply this amperage by the local voltage - 230V, for example. This would rate your computer's power requirement at 460VA - a load handsomely accommodated by the Ultima 600.

Back-up time.

To take full advantage of your UPS battery back-up power, always ensure that your computer's VA is lower than that of your Ultima. An Ultima 600 protecting a typical PC of 300VA, will provide about 8 minutes back-up time.*

Unattended system shutdown.

Each model features a USB and a RS-232 communications port. This enables an interface with a complete suite of power management software to control, monitor and configure your Ultima UPS. In the event of utility failure or low battery, the software independently manages the unattended shutdown of the operating system with no risk to data or hardware.

Potential cost of power failure.

Besides disruption to productivity, loss of power can threaten commercial security, leaving your business vulnerable to hacking, industrial espionage and theft of your sensitive data.

**For comprehensive list of back up times, consult the chart overleaf.*



Wide range of power variants.

The Ultima 400-800 series is perfect for worldwide computing use and a wide range of SoHo computing applications. The Ultima 1000 /1400 / 2000 series is perfect for critical business and server applications.

Start up from cold.

Ultima's Cold Start feature lets you power up your Ultima even in the midst of a power cut. If the Ultima has enough battery power, it can be powered on and will remain on until the battery power is depleted. This way, in case of an emergency you will be able to use your PC even if there is a power cut.



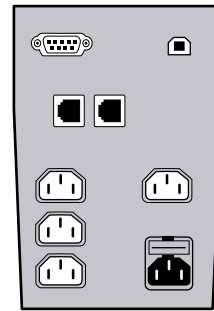
Ultima UPS 1000 / 1400 / 2000

| MODEL | | Ultima 400 | Ultima 600 | Ultima 800 |
|---------------|-----------------------------------|---|------------|------------|
| CAPACITY | VA/W | 400VA/240W | 600VA/360W | 800VA/480W |
| INPUT | Voltage | 120VAC or 220/230/240VAC | | |
| | Voltage range | 85-140VAC or 162-230VAC | | |
| | Frequency | 45-65 Hz (auto sensing) | | |
| OUTPUT | Voltage | 120/220/230/240VAC | | |
| | Voltage regulation (batt. mode) | +/-10% | | |
| | Frequency | 50Hz or 60Hz | | |
| | Frequency regulation (batt. mode) | +/-1 Hz | | |
| | Output waveform | modified sinewave | | |
| BATTERY | Battery type | 12V 4.5Ah x 1 | 12V7Ah x 1 | 12V9Ah x 1 |
| | Recharge time | 8 hours to 90% after complete discharge | | |
| TRANSFER TIME | Typical | 2-6 ms | | |
| INDICATOR | AC mode | green illuminates | | |
| | Backup mode | green flashes | | |
| AUDIBLE ALARM | Backup mode | sounds every 10 seconds | | |
| | Low battery | sounds every second | | |
| | Overload | sounds every 0.5 second | | |
| | Battery replacement | sounds every 2 seconds | | |
| | Fault | continuously sounds | | |
| PROTECTION | Full protection | discharge, overcharge, and overload protection | | |
| PHYSICAL | Dimension D x W x H | 330 x 100 x 140 mm | | |
| WEIGHT | Net weight | 5kgs | 6kgs | 6.5kgs |
| | Operating environment | 0- 40°C, 0-90 % relative humidity (non-condensing) | | |
| | Noise level | Less than 40dB | | |
| INTERFACE | RS-232 USB | Windows, Sun Solaris, IBM Aix, Compaq True64, UnixWare, FreeBSD, HP-UX, Linux, MAC Windows 98/2000/ME/XP | | |

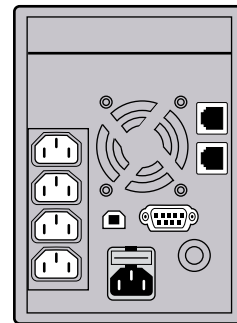
| MODEL | | Ultima 1000 | Ultima 1400 | Ultima 2000 |
|---------------|-----------------------------------|--|---|------------------------------------|
| CAPACITY | VA/W | 1000VA/600W | 1400VA/840W | 2000VA/1200W |
| INPUT | Voltage | 220/230/240VAC | 220/230/240VAC | 220/230/240VAC |
| | Voltage range | 89-145VAC/160-290VAC | 166-280VAC | 166-280VAC |
| | Frequency | 50 or 60 Hz | 50 or 60 Hz | 50 or 60 Hz |
| OUTPUT | Voltage | 220/230/240VAC | 220/230/240VAC | 220/230/240VAC |
| | Voltage regulation (batt. mode) | +/-10% at load <50% | +/-10% at load <50% | +/-10% at load <50% |
| | Frequency | 50Hz or 60Hz | 50Hz or 60Hz | 50Hz or 60Hz |
| | Frequency regulation (batt. mode) | +/-1 Hz | +/-1 Hz | +/-1 Hz |
| | Output waveform | modified sinewave | modified sinewave | modified sinewave |
| BATTERY | Battery type and number | 12V/7AH x 2pcs | 12V/9Ah x 2pcs | 12V/9Ah x 2pcs |
| | Recharge time | 10 hours | 6 hours (to 90% after complete discharge) | 6 hours |
| TRANSFER TIME | Typical | 4-6 ms | 4-8 ms | 4-8 ms |
| INDICATOR | AC mode | The first green LED illuminates. The second to fifth green LEDs gradually illuminates, indicating load level | | |
| | Battery mode | The first green LED flashes. The second to fifth green LEDs gradually illuminates, indicating battery capacity | | |
| FAULT | | Red LED illuminates | | |
| AUDIBLE ALARM | Battery mode | sounds every 10 seconds | | |
| | Low battery | sounds every second | | |
| | Overload | sounds every 0.5 second | | |
| | Battery replacement | sounds every 2 seconds | | |
| | Fault | continuously sounds | | |
| PROTECTION | Full protection | overcharge and overload protection | overcharge and overload protection | overcharge and overload protection |
| PHYSICAL | Dimension D x W x H | 405 x 145 x 205 mm | 405 x 145 x 205 mm | 405 x 145 x 205 mm |
| WEIGHT | Net weight | 9.6kgs | 9.7kgs | 9.8kgs |
| ENVIRONMENT | Operating environment | 0- 40°C, 0-90 % relative humidity (non-condensing) | | |
| | Noise level | Less than 50dB | | |
| INTERFACE | RS-232 USB | Windows family, Sun Solaris, IBM Aix, Compaq True64, UnixWare, FreeBSD, HP-UX, Linux, MAC Windows 98/2000/ME/XP | | |

Ultima battery back-up times (in minutes)

| | 200VA | 300VA | 400VA | 600VA | 800VA | 1000VA | 1200VA | 1400VA | 1600VA | 1800VA | 2000VA |
|-------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| Ultima 400 | 7.5 | <2 | <1 | | | | | | | | |
| Ultima 600 | 14 | 7 | 2 | <1 | | | | | | | |
| Ultima 800 | 20.1 | 12.7 | 2 | <1 | <1 | | | | | | |
| Ultima 1000 | 37.9 | 20 | 14 | 7.5 | 4 | <2 | | | | | |
| Ultima 1400 | 51.6 | 30 | 20 | 13.2 | 8 | 5.4 | 4.3 | <3 | | | |
| Ultima 2000 | 51.6 | 30 | 20 | 13.2 | 8 | 5.4 | 4.3 | <3 | 2 | <2 | <1 |



Rear view of Ultima 400 - 800 models



Rear view of Ultima 1000 - 2000 models



An ISO9001: 2000 accredited company

ROHS status:
Compliant

IEC standards
IEC62040 compliant



Sollatek provides you with full back up support and a two year worldwide warranty on all products, with local support in over twenty countries worldwide.



All weights and dimensions are approximate. Specifications are subject to change without prior notice. ©Sollatek (UK) Limited 2007. All Rights Reserved. SOLLATEK and the SOLLATEK device are the trade marks of the Sollatek group of companies.

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