



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	Windows, Sun Solaris, IBM Aix, Compaq True64, UnixWare, FreeBSD, HP-UX, Linux, MAC		
	USB	Windows 98/2000/ME/XP		

MODEL		Ultima 1000	Ultima 1400	Ultima 2000
CAPACITY	VA/W	1000VA/600W	1400VA/840W	2000VA/1080W
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
	Operating environment	0- 40°C, 0-90 % relative humidity (non-condensing)		
	Noise level	Less than 50dB		
INTERFACE	RS-232	Windows family, Sun Solaris, IBM Aix, Compaq True64, UnixWare, FreeBSD, HP-UX, Linux, MAC		
	USB	Windows 98/2000/ME/XP		

Ultima battery back-up times (in minutes)

	200VA	300VA	400VA	600VA	800VA	1000VA	1200VA	1400VA	1600VA	1800VA
Ultima 400	8	<3	<1							
Ultima 600	15	8	<5	<1						
Ultima 800	22	12	8	<3	<1					
Ultima 1000	45	25	15	8	<5	3				
Ultima 1400	58.5	37.3	25	13.5	8.25	4.7	3	1.5		
Ultima 2000	58.5	37.3	25	13.5	8.25	4.7	3	1.5	0.5	<0.5



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.



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