

VOLTAGE  
PROTECTION

VOLTSURE  
POWERSURE  
RANGE

Voltsure™

## MAXIMA 3K-WL

ONLINE 3000 ONLINE INVERTER WALL MOUNT WITH EXTERNAL BATTERIES (NOT INCLUDED)

### Description

The Sollatek Powersure series is a rugged range of UPS and Inverters.

The Maxima 3K-WL is a particularly rich featured online inverter that is built for most demanding applications when long runtimes are required during prolonged power cuts.

This Maxima has a powerful 40Amp charger combined with online technology, ensuring that the load, no matter how sensitive, will never experience a break in the supply.

Designed for a 48V systems to allow a professional configuration of batteries. Ideal for use in banking, telecom and all applications that require a long run of backup power combined with speed of charging when the mains return. This is made possible by its powerful 40A charger.

A typical application (like ATMs or telecom) would have the following configuration: 24 x 2V Gel batteries (like VRLA) would provide up to 12 hours of backup on full load (3kVA) or 24 hours on half load (1.5kVA) or 48 hours on quarter load (600VA).

The batteries will then recharge fully in 8 hours on return of mains.

### Additional features include

- Can operate in extreme voltage range of 110-300V
- Has over-voltage protection combined with Class II surge protection
- Wall mount enclosure to allow versatility in installation whilst occupying a small footprint of real estate.
- Fully protected with input & output circuit breakers
- Air cooling using temperature controlled fans to ensure they operate when needed.
- User friendly and safe dual compartment of installation terminals separated from main power electronics.
- SNMP interface to allow LAN monitoring of the performance of the Maxima.

### Applications

Suitable for any application that require power backup in case of power cuts.

An ideal clean, safe and economic replacement to diesel generators

Especially suited for applications where long battery runs may be critical ;

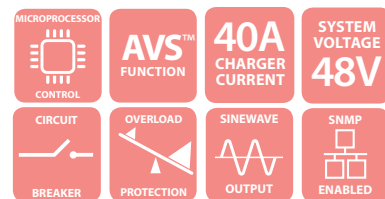
- Bank ATMS
- Data centers
- Computers
- Telecom applications
- Medical applications
- Any critical electrical & electronic application

### Features

- 3kVA online inverter
- Sinewave output
- Solid state technology
- Includes over voltage protection (400V continuous)
- Class II surge & spike protection
- Full stabilisation with input voltage range : 110-300V
- Charger current : 40A
- System voltage : 48V
- Full LCD display
- SNMP (Simple Network Management Protocol) for Intranet monitoring
- Wall mount enclosure



### Features:

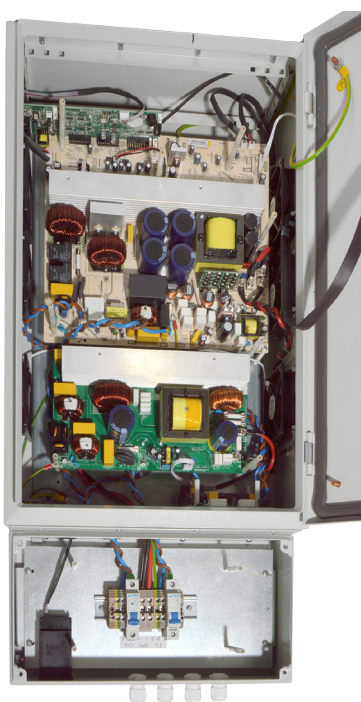


### Protection for:



## TECHNICAL SPECIFICATIONS

<b>Model</b>	<b>Maxima 3k WL</b>
Capacity	3000VA / 2400 W
<b>INPUT</b>	
Voltage	230 VAC
Voltage Range	100 - 290 VAC
Frequency Range	50/60 Hz (auto sensing)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt.mode)	200-220VAC
Transfer Time	13 ms (typical)
Waveform (Batt. Mode)	Simulated Sinewave
Peak Efficiency (AC Mode)	> 95% @ Rated R load and battery full charged
<b>PROTECTION</b>	
Full Protection	Overload, deep discharge, overcharge, and short circuit protection
<b>INDICATORS</b>	
	LED indicators
Line Mode	Green lighting
Battery Mode	Yellow flashing
Fault	Red lighting
<b>ALARM</b>	
Low Battery	Sounding every second
Overload	Sounding every 0.5 second
Battery Replacement	Sounding every 2 seconds
Fault	Continuously sounding
<b>PHYSICAL</b>	
Dimension, D X W X H (mm)	
Net Weight (kgs)	25
Packed Weight (kgs)	40
Mounting	Wall mounted
<b>ENVIRONMENT</b>	
Humidity	0 to 90% Relative Humidity (Non-condensing)
Operating Temperature	0°C to 40°C
Storage Temperature	-15°C to 70°C



PRODUCT CODE	ITEM
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97617302-WL	Maxima 3k-WL 220V 3kVA - Wall-Long-no Batt
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For more information on Sollatek's voltage protection refer to the VP Catalogue. or visit [www.sollatek.com](http://www.sollatek.com)

**Sollatek**<sup>TM</sup>  
the power to protect