COMPLETE RANGE OF VOLTAGE SWITCHERS, SUPPRESSORS, STABILISERS, REGULATORS, INVERTERS AND UNINTERRUPTIBLE POWER SUPPLIES (UPS)
<table>
<thead>
<tr>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>What's new</td>
</tr>
<tr>
<td>Power problems</td>
</tr>
<tr>
<td>Overview</td>
</tr>
<tr>
<td><strong>Voltshield™ - Switchers</strong></td>
</tr>
<tr>
<td>Single Phase - up to 7 Amps</td>
</tr>
<tr>
<td>&amp; HivoltGuard 9</td>
</tr>
<tr>
<td>&amp; TVGuard 9</td>
</tr>
<tr>
<td>&amp; FridgeGuard 10</td>
</tr>
<tr>
<td>&amp; VoltGuard 10</td>
</tr>
<tr>
<td>Single Phase + telecom up to 6 Amps</td>
</tr>
<tr>
<td>Single Phase 13-25 Amps</td>
</tr>
<tr>
<td>&amp; AVS13RL micro 11</td>
</tr>
<tr>
<td>&amp; AVS15 11</td>
</tr>
<tr>
<td>&amp; SMC 12</td>
</tr>
<tr>
<td>&amp; A/C Guard 12</td>
</tr>
<tr>
<td>Single Phase 30-100 Amps</td>
</tr>
<tr>
<td>&amp; AVS100 13</td>
</tr>
<tr>
<td>Three Phase 23-1250 Amps</td>
</tr>
<tr>
<td>&amp; AVS3P-0 14</td>
</tr>
<tr>
<td><strong>Voltsafe™ - Suppressors</strong></td>
</tr>
<tr>
<td>Single Phase - up to 13 Amps</td>
</tr>
<tr>
<td>Surge &amp; spike - mains</td>
</tr>
<tr>
<td>Surge &amp; spike - mains</td>
</tr>
<tr>
<td>Single &amp; Three Phase - mains distribution systems</td>
</tr>
<tr>
<td>&amp; DSP din rail range 18</td>
</tr>
<tr>
<td><strong>Voltright™ - Stabilisers/Regulators</strong></td>
</tr>
<tr>
<td>Standard Range - Sollatek Voltage Stabilisers</td>
</tr>
<tr>
<td>Single Phase up to 16 Amps</td>
</tr>
<tr>
<td>&amp; A/C Right 21</td>
</tr>
<tr>
<td>&amp; SVS01 to SVS16 21</td>
</tr>
<tr>
<td>Single Phase 20-75 Amps</td>
</tr>
<tr>
<td><strong>Professional Range - Automatic Voltage Regulators</strong></td>
</tr>
<tr>
<td>Single Phase up to 10 Amps</td>
</tr>
<tr>
<td>Single Phase 20-400 Amps</td>
</tr>
<tr>
<td>Three Phase 20-200 Amps per phase</td>
</tr>
<tr>
<td><strong>Voltsure™ - UPS (Uninterruptible Power Supplies)</strong></td>
</tr>
<tr>
<td>Line interactive 400VA to 6000VA</td>
</tr>
<tr>
<td>&amp; Maxima LCD up to 6000VA 26</td>
</tr>
<tr>
<td>&amp; PowerBack PB850L and 1500L 26</td>
</tr>
<tr>
<td>&amp; PowerBack 3000k and 5000k 28</td>
</tr>
<tr>
<td>&amp; Maxima WL up to 3000VA 29</td>
</tr>
<tr>
<td>Sollatek Product Range Comparison Chart</td>
</tr>
<tr>
<td>Solar Power Products and Systems</td>
</tr>
<tr>
<td>Refrigeration and Connectivity Solutions</td>
</tr>
</tbody>
</table>
Beware! Copies and counterfeits could damage your appliances and potentially cause electrical fires, putting yourself, your family and your home at risk.

Only authorised Sollatek Retailers sell the genuine and patented Sollatek product.

Stay original and do not compromise on your safety.
What's new

**Maxima 3kVA – WL**
3kVA online inverter
The Sollatek Maxima 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.

**ACRight**
The ACRight provides you with voltage stabilisation and protection for your air conditioner. The ACRight will ensure that low and high voltage is brought to a safe working level for your air conditioning to operate properly and to cool efficiently. A built in startup delay will protect against power back surges.

**SMC**
The Multifunction Controller (SMC) is an electronic measuring device that monitors single phase AC voltage and initiate the output at pre-determined levels. It offers extensive programmable features and variety of options depending on the user application.

**PowerBack PB5000S and PB3000S**
The Sollatek PowerBack’S range - is an inverter/charger unit that will accept Mains as well as Solar charging. This Linear/Transformer-less range is suitable for high performance applications and is especially useful in remote areas where mains charging is scarce and solar availability is abundant.

**Voltshield ™**
PowerBack 1500L
The Sollatek PowerBack L (Linear) is an economical emergency backup system that makes it possible for homes or offices to have continued access to electrical service during power outages. The Sollatek PowerBack L is a transformerless battery-based system that will provide simple and silent operation. Up to 1.5kVA.

**Maxima LCD UPS**
Uninterruptible power supply
The Sollatek Maxima - A true double conversion UPS. Maxima will provide clean, high level quality power to fully protect mission-critical devices such as sensitive networks, small computer centres, servers, telecom applications, as well as industrial applications.

**SVS04E**
The Sollatek SVS04E boasts a very wide input voltage range providing a much needed boost in areas of very low voltage. The SVS04E will operate from 100V to 290V and has a modern state of the art 7 LED display to indicate accurately the state of the input at all times.

**FridgeRight**
The FridgeRight provides you with voltage stabilisation and protection for your domestic fridge / freezer against high and low voltage. A built in startup delay (3 mins) will allows motors to decompress.

**TVRight**
The TVRight provides you with voltage stabilisation and protection for your TV against high and low voltage. A built in startup delay (10 secs) will protect against power back surges.

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
Power problems and their associated causes

All electrical and electronic equipment, connected to the mains supply, is at risk of being damaged from spikes, surges, lightning, brown-outs, power-cuts (blackouts), power back surges, and over-voltage. The following is a summary of the main types of power problems, their causes, and how these affect electrical and electronic equipment.

**High/Over-Voltage:** Long duration (milliseconds, seconds, minutes, hours or days) rise in the voltage above acceptable limits. Depending on the level of the over-voltage, the damage can be instantaneous, severe and irreparable.

**What causes it?** On return of mains supply after power cuts, under-sized utility oscillating between periods of brown-outs and over-voltage or accidental (e.g. accidental connection between two phases).

**Brown-Out / Under-Voltage:** Long duration of low voltage (milliseconds to seconds, minutes, hours or days). Very common in parts of the world especially where the power utilities are over-stretched. Prolonged and frequent brown-outs cause the equipment to malfunction or not work at all. Repeated episodes are certain to cause damage. Motors and compressors (and therefore fridges, freezers, coolers, air-conditioners and pumps) are especially at risk. In time, damage is certain.

**What causes it?** Most commonly an over-stretched utility, especially in areas of poor power distribution infrastructure and remote areas. Common in dry seasons where water is used for electricity generation.

**Spikes/Surges:** Very short, (one millisecond) events of very high surge in voltage to thousands of volts and amps. Spikes are common in all parts of the world and repeated exposure to spikes will damage electronic equipment and corrupt data.

**What causes it?** Switching on/off of nearby equipment, lightning, motors starting etc.

**RFI (Radio Frequency Interference)/ Noise:** High frequency disturbances that occur within a short period of time (milliseconds). RFI & noise are very common in all parts of the world and are the main cause of data corruption.

**What causes it?** Generated by high frequency noise from nearby equipment like TV, radio equipment, transmitters, mobile phones, switching on/off of certain loads, fluorescent lights, motor speed controls, light dimmers.

**Lightning:** Direct or nearby strikes can cause minor problems or severe disturbances and damage. Lightning produces spikes/surges, over-voltage or power cuts.

**What causes it?** The surge is generated by either a direct hit, or indirectly striking underground or overhead lines and transmitting high surges to connected equipment in nearby buildings. For more information, see page 16.

**Power Cuts:** Common in every country in the world, especially in areas of frequent voltage problems. Sudden loss of power can cause damage ranging from corruption of data to mechanical faults as equipment is stopped while in operation.

**What causes it?** Power or substation failure, breakdown in the distribution network, or simply a plug being pulled out accidentally.

**Power-Back Surges:** These typically occur when power returns after a power-cut and connected equipment receives a surge of electricity at an over-voltage level, which can be very damaging (see above).

**What causes it?** Power back surges are created by the utility, when it restores supply at an above normal voltage in order to compensate for the demand as connected equipment re-starts simultaneously.

**Telecom Surges, Spikes and Lightning:** Short term, high voltage and current phenomena occurring on the telephone lines. Can cause irreparable damage to any piece of equipment connected to the incoming line. The telephone line itself may even be damaged or destroyed in severe cases.

**What causes it?** Telecom spikes are caused by lightning striking either the telephone line directly or an object near it.

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
The Sollatek voltage protection range consists of four categories:

- **Voltshield™**
  - The Switcher Range
  - Disconnects power when voltage level exceeds set parameters. Automatically reconnects again when power returns inside parameters for a pre-set period.

- **Voltsafe™**
  - The Suppressor Range
  - Stops short-term disturbances (created by lightning strikes, power stations or nearby equipment switching on & off), from causing damage.

- **Voltsure™**
  - The UPS Range
  - Keeps equipment operating temporarily in a blackout by using standby battery power.

- **Voltright™**
  - The Stabiliser and Regulator Range
  - Ensures equipment can still operate although the voltage level is outside its ‘normal’ range, by automatic correction within set levels.

---

**Voltshield™ Switchers**

- **NotebookGuard**
  - Mains over voltage protection
  - Up to 2 Amps
  - PAGE 9

- **HivoltGuard**
  - Mains over voltage protection
  - Up to 6 Amps
  - PAGE 9

- **TVGuard**
  - Mains over voltage protection
  - Up to 6 Amps
  - PAGE 9

- **FridgeGuard**
  - Mains over voltage protection
  - Up to 6 Amps
  - Up to 7 Amps
  - PAGE 10

- **VoltGuard**
  - Mains over & under voltage protection
  - Up to 7 Amps
  - PAGE 10

- **AVS100 Appliance Guard**
  - Automatic Voltage Switcher
  - Mains over & under voltage protection
  - 100 Amps
  - PAGE 13

- **AVS13 Appliance Guard**
  - Automatic Voltage Switcher
  - Mains over & under voltage protection
  - 13 Amps
  - PAGE 11

- **AVS13RL Appliance Guard**
  - Automatic Voltage Switcher
  + RFI & lightning protection
  - Mains over & under voltage protection
  - 13 Amps
  - PAGE 11

- **AVS15 Aircon Guard**
  - Automatic Voltage Switcher
  - Mains over & under voltage protection
  - 15 Amps
  - PAGE 11

- **AVS30 Appliance Guard**
  - Automatic Voltage Switcher
  - Mains over & under voltage protection
  - 30 Amps
  - PAGE 13

- **AVS3P-0**
  - Automatic Voltage Switcher
  - Mains over & under voltage protection
  - Unlimited Amps
  - 3 phase
  - PAGE 14

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
Voltsafe™ Suppressors

MultiGuard MG
Premium mains spike/surge protection
Up to 13 Amps
PAGE 15

MultiGuard MGX
Value mains spike/surge protection
Up to 16 Amps
PAGE 16

MultiGuard MGX-W
Mains spike/surge protection. World socket
Up to 16 Amps
PAGE 16

MultiGuard MGX-B
Mains spike/surge protection. USB outlets
Up to 16 Amps
PAGE 16

PureAL
Mains spike/surge and RFI protection
Up to 13 Amps
PAGE 16

DSP Single phase direct wired distribution panel
Mains spike/surge and lightning protection
PAGE 17

DSP Three phase direct wired distribution panel
Mains spike/surge and lightning protection
PAGE 17

DSP Single phase Din rail mounted
Mains spike/surge and lightning protection
PAGE 18

DSP Single & three phase Din rail
Mains spike/surge and lightning protection
PAGE 19

Voltright™ Stabilisers/Regulators

TVRight / FridgeRight
Voltage Regulation and stabilisation
Up to 2 Amps
PAGE 20

ACRight
Voltage Regulation and stabilisation
Up to 12 Amps
PAGE 21

Sollatek Voltage Stabiliser (SVS)
Mains over & under voltage stabilisation protection
Up to 16 Amps
PAGE 21

Sollatek Voltage Stabiliser (SVS)
Mains over & under voltage stabilisation protection
Up to 75 Amps
PAGE 22

Automatic Voltage Regulator (AVR)
Mains over & under voltage stabilisation protection
Up to 10 Amps
PAGE 23

Automatic Voltage Regulator (AVR)
Mains over & under voltage stabilisation protection
20 to 400 Amps
PAGE 23

Automatic Voltage Regulator (AVR)
Mains over & under voltage stabilisation protection
20 to 3000 Amps per phase - 3 phase
PAGE 24

Voltsure™ UPS (Uninterruptible Power Supplies)

Ultima LCD UPS
Uninterruptible power supply
Up to 2000VA
PAGE 25

Maxima LCD UPS
Uninterruptible power supply
Up to 6000VA
PAGE 26

PowerBack PB series UPS
Uninterruptible power supply
Up to 1.5kVA
PAGE 26

PowerBack Transformless, non-linear range Inverter with fast charger
Up to 5000VA
PAGE 28

Maxima WL Inverter with fast charger
Up to 3000VA
PAGE 29

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
**AVS™ function**

The AUTOMATIC VOLTAGE SWITCHER (AVS™) function adds the following protective function: For complete protection, simply plug the Automatic Voltage Switchers (AVS) into the mains and plug in your appliances. When the mains power supply fluctuates outside pre-set tolerances (nominally 190V and 260V) the power to your equipment is disconnected.

The AVS monitors the voltage for a short period to ensure the power has stabilised before re-connecting. In addition, the start-up delay provides protection against power-back surges commonly experienced after resumption of power in a power cut situation.

Surge and spike protection is also incorporated to ensure protection against these events which are very common. They are generated by lightning and nearby switching off and on of other equipment such as vacuum cleaners, pumps, motors, television, elevators etc.

**TIMESAVE™ function**

TIMESAVE™ adds the following protective function:

Some Sollatek units have a built-in microprocessor which adds the advanced feature TimeSave.” TimeSave™ means that when the mains return to normal, the unit checks the duration of the OFF time. If the unit has been off for more than the standard wait time, then it will reconnect the mains within 10 seconds. This ensures the Sollatek unit will give you more vital working time than any other stabiliser.

The duration of the start-up delay period varies between 10 seconds and 10 minutes, depending on the model. For refrigeration and air-conditioning equipment, a delay of 3-4 minutes is recommended. The 3-4 minute delay allows compressors to neutralise before re-starting.

**iSense™ function**

The iSense™ technology allows you to control how sensitive the VOLTSHELl Switcher reacts to voltage problems. Using the iSense™ dial you can set the desired level of protection.

(H) High setting ensures greater protection by narrowing the acceptable voltage limits. This is ideal for users with less erratic mains supply that require better protection, typically in main cities where the power supply is fairly stable.

(L) Low setting ensures more working time as it will tolerate wider acceptable voltage limits. This is ideal for users with more erratic mains supply. This setting provides a wider window of acceptable voltage limits.

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
**NotebookGuard**

**Over voltage protection**

**PROTECTION AGAINST:**
- High voltage
- Spikes/surges
- Power-back surges

**Max current**
- Figure 8: 1A, Cloverleaf: 2A

**Voltage range**
- 85 to 300V AC

**Frequency**
- 50/60Hz

**Wait time**
- 10 seconds

**Ideal for**
- Notebooks, laptops and netbooks

**Tip**
- Disconnects the mains when it is bad, allowing the notebook’s battery to take over, effectively operating as a UPS.
- Can be used with any equipment and not only notebooks as long as you don’t exceed 3Amps

**Weight**
- Cloverleaf: 113gm, Figure 8: 100gm

**Dims**
- Cloverleaf: 140 x 60 x 90 mm
- Figure 8: 116 x 32 x 29 mm

**Cable length**
- 116 mm

---

**HivoltGuard**

**Over voltage protection**

**PROTECTION AGAINST:**
- High voltage
- Spikes/surges
- Power-back surges

**Max current**
- 6 amps

**Wait time**
- 30 seconds

**Ideal for**
- TV, Video, Hi-fi, PABX, Fax machines and all electronic equipment up to 6 amps

**Tip**
- Protects all sensitive equipment against high voltage, surges and spikes. A very useful protection for uninterruptible power supplies and inverters.

**Weight**
- 185gm

**Dims**
- 140 x 60 x 90 mm

---

**TVGuard**

**Over voltage protection**

**PROTECTION AGAINST:**
- High voltage
- Spikes/surges
- Power-back surges

**Max current**
- 6 amps

**Wait time**
- 30 seconds

**Ideal for**
- TV, Video, Hi-fi, PABX, Fax machines and all electronic equipment up to 6 amps

**Tip**
- To avoid frequent disconnection in areas of extreme fluctuation, add a stabiliser (see page 20) before the TVGuard

**Weight**
- 186 gm

**Dims**
- 140 x 60 x 90 mm

---

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
Voltshield™ Switchers

FridgeGuard
Under voltage protection

PROTECTION AGAINST:
• Low voltage
• Spikes/surges
• Power-back surges

Features
6AMPS
Timed Delay
isense
AVS

Max current 6 amps
Wait time 3 minutes
Ideal for Fridges and domestic freezers
Tip Low voltage is particularly damaging to the compressor of fridges and freezers. 3 minutes wait for re-connection to allow for decompression of the compressor

Weight 186 gm
Dims 140 x 60 x 90 mm

VoltGuard
Over and under voltage protection

PROTECTION AGAINST:
• Low voltage
• Spikes/surges
• Power-back surges

Features
7AMPS
30 SECONDS
isense
AVS

Max current 7 amps
Wait time User adjustable 3 minutes or 30 seconds
Ideal for TV, Video, Hi-Fi, PABX, Fax machines, Fridges and domestic freezers and all electronic equipment up to 7 amps
Tip Covers all applications as it has over and under voltage protection

Weight 190 gm
Dims 140 x 60 x 90 mm

Single phase + telecom up to 6 amps

LightningGuard
Over voltage protection and data/telecom line protection

PROTECTION AGAINST:
• High voltage
• Spikes/surges
• Power-back surges
• Data line spike surges/lightning (for telephone/ modem/fax lines)

Features
6AMPS
20 SECONDS
isense
AVS

Max current 6 amps
Mains surge/spike protection 160 Joules
Mains surge/spike discharge 6.5kA (8/20μs)
Wait time 30 secs
Data surge/spike discharge >5kA
Ideal for Modern, fax, telephones, routers
Tip Ideal for protection of computer data, internet, modems, fax machines and telephones. Lightning and mains surges and spikes can enter the telephones and cause damage to hardware and data. Being connected to the internet for long periods increases the risk of damage. The LightningGuard provides an effective way of preventing serious damage.
Socket availability Mains + telephone connection (RJ11)

Weight 195 gm
Dims 140 x 60 x 90 mm

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
AVS13 Appliance Guard
Automatic Voltage Switcher
Over and under voltage protection

PROTECTION AGAINST:
• High voltage
• Low voltage
• Spikes/surges
• Power-back surges

Features

Max current 13 amps
Wait time User adjustable from 10 seconds to 3 minutes
Ideal for All electrical and electronic equipment
Tip Can protect a number of appliances using a multi-way socket.
Weight 500 gm
Dims 145 x 100 x 55 mm

AVS13RL Appliance Guard
Automatic Voltage Switcher
+ RFI & lightning protection
Over and under voltage protection

PROTECTION AGAINST:
• High voltage
• Low voltage
• Spikes/surges
• Power-back surges
• RFI (radio frequency interference) and noise
• Lightning

Features

Max current 13 amps
Wait time User adjustable from 10 seconds to 3 minutes
Attenuation(db): 20@100Khz, 50@1MHz
Ideal for All electrical and electronic equipment
Tip AVS13RL adds RFI & noise and lightning protection to the standard AVS13. Use this product if you are in an area where lightning is a serious issue, or you need to filter the power supply from RFI & noise.
Weight 500 gm
Dims 145 x 100 x 55 mm

AVS15 Aircon Guard
(Automatic Voltage Switcher)
Over and under voltage protection

PROTECTION AGAINST:
• High voltage
• Low voltage
• Spikes/surges
• Power-back surges

Features

Max current 15 amps
Wait time User adjustable from 2 minutes to 5 minutes
Ideal for Air conditioners, large fridge/freezers
Tip Rated at 15 amps for use with air-conditioners up to 17,500 B.T.U
Weight 500 gm
Dims 145 x 100 x 55 mm

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
Voltshield™ Switchers

SMC
Multifunctional Controller
Din Rail Voltage Protection

PROTECTION AGAINST:
• High voltage
• Low voltage
• Spikes/surges

Max current: 20 amps
Frequency error range detection: 35-75 Hz
Operating voltage: 90V to 300V
Low voltage protection (LVD): 50V to 300V
High voltage protection (HVD): 50V to 300V
Tip: Programmable startup delay (0-1000hr range)
Operation status indication, up to 5 LEDs
All variables are programmable through a proprietary Sollatek programming key

Sollatek’s Multifunction Controller (SMC) is a Din rail version of the Sollatek AVS. It monitors single phase AC voltage and will disconnect the power when voltage is outside acceptable limits. It will reconnect automatically when the voltage returns to normal. There is a user settable delay before restarting. The SMC offers extensive programmable features and variety of options.

Some of the main features include frequency error protection, burn-out and over-voltage protection, and intelligent time delay startup (depending on model).

Sollatek Product Programmer (SPP)
Using the SPP, the Sollatek SMC’s parameters can be configured to suit the application. LVD, HVD, Delay etc., can all be programmed.

A/C Guard
(Automatic Voltage Switcher)
Over and under voltage protection

PROTECTION AGAINST:
• Overload
• High voltage
• Low voltage
• Spikes/surges
• Power-back surges

Max power: 16, 20, or 25 amps
Wait time: 4 minutes intelligent time delay
Ideal for: Air conditioners, large fridge/freezers
Tip: Rated at up to 25 amps for use with air conditioners. Direct wiring adds security of installation
Weight: 400 gm
Dims: 140 x 98 x 78 mm

* Dependent on model

A/C Guard switches off your air conditioner instantly when a power problem occurs, and only reconnects it once the mains supply has stabilised. An integral circuit breaker enhances the protection offered by A/C Guard. If a short circuit or overload occurs, the circuit breaker detects the fault and the air conditioner is safely disconnected.

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
Single phase 30-100 amps

### AVS30 Appliance Guard
(Automatic Voltage Switcher)
Over and under voltage protection

PROTECTION AGAINST:
- High voltage
- Low voltage
- Spikes/surges
- Power-back surges

<table>
<thead>
<tr>
<th>Max power</th>
<th>30 amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wait time</td>
<td>User adjustable from 10 secs to 10 mins</td>
</tr>
<tr>
<td>Ideal for</td>
<td>Air-conditioners, large fridge/freezers, whole office, and complete circuits</td>
</tr>
<tr>
<td>Tip</td>
<td>Rated at 30 amps for use with air-conditioners. Direct wiring adds security of installation</td>
</tr>
</tbody>
</table>

**Weight** 500 gm

**Dims** 210 x 132 x 53 mm

### AVS100
(Automatic Voltage Switcher)
Over and under voltage protection

PROTECTION AGAINST:
- High voltage
- Low voltage
- Spikes/surges
- Power-back surges

<table>
<thead>
<tr>
<th>Max power</th>
<th>100 amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wait time</td>
<td>User adjustable from 10 secs to 10 mins</td>
</tr>
<tr>
<td>Ideal for</td>
<td>Air-conditioners, large fridge/freezers, whole office</td>
</tr>
<tr>
<td>Tip</td>
<td>Rated at 100 amps for use with a number of air-conditioners and/or whole office or factory. Direct wiring adds security of installation</td>
</tr>
</tbody>
</table>

**Socket availability** None. Direct wiring

**Weight** 6 kg

**Dims** 300 x 180 x 155 mm

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
AVS303 (3 Phase Automatic Voltage Switcher AVS303-xx) (xx=Amps per phase)
Over and under voltage protection

The AVS303 protects against over voltage and under voltage on any one of the three phases as well as loss of one or more phases. Indicating and/or disconnection as a result of mains frequency error or phase sequence error is available as an option. The AVS303 incorporates a contactor to switch the full load current (see the AVS3P-0 if you already have switching mechanisms in place). The AVS303-xx is available in different sizes ranging from 23 amps to 1250 amps (the –xx relates to the model number, e.g. AVS303-23 is a 23 amp per phase AVS303).

**Protection Against**
(on any or all phases):
- High voltage
- Low voltage
- Spikes/surges
- Power-back surges
- Any two phases shorting together

### Features
- **Max power**: From 23 amps per phase and up to 1250 amps
- **Wait time**: User adjustable from 10 secs to 10 mins
- **Ideal for**: 3 Phase air conditioning, industrial refrigeration and industrial plants and machinery
- **Tip**: At a reasonable cost and almost a fraction of that of the equipment, the AVS303 will provide full protection
- **Socket availability**: Direct wiring – standard 3 phase connections
- **Weight**: Dependent on model number
- **Dims**: Dependent on model number

---

**AVS3P-0 (3 Phase Automatic Voltage Switcher control)**
Over and under voltage protection

Protects from over voltage and under voltage on any one of the three phases as well as any one or more phases. Indication and/or disconnection as a result of mains frequency error or phase sequence error is available as an option. Unlike the AVS303, the AVS3P-0 is designed to operate an external control circuit or contactor which may be part of a motor starter or other equipment. The AVS3P-0 has a volt-free change-over contact as an output.

**Protection Against**
(on any or all phases):
- High voltage
- Low voltage
- Spikes/surges
- Power-back surges
- Loss or duplication of any phase

### Features
- **Max power**: Controls an external 3 phase controller or contactor of any size
- **Wait time**: User adjustable from 10 secs to 10 mins
- **Ideal for**: 3 phase air conditioning, industrial refrigeration and industrial plants and machinery
- **Tip**: The AVS3P-0 has an uncommitted changeover relay output providing normally open and closed contacts rated at 16 amps that can be used to drive external alarms contactors and loads
- **Socket availability**: Direct wiring – standard 3 phase connections
- **Weight**: 500 gm
- **Dims**: 210 x 132 x 53 mm

---

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
**Voltsafe™ Suppressors** are devices that protect against surges, spikes, lightning and in some cases RFI (Radio Frequency Interference) and noise. Surge/Spike is a rise or peak in voltage up to thousands of volts and lasts for very short period of time (milliseconds). These powerful events can eventually blow out microscopic holes in electronic circuitry causing severe damage or failure. Unlike over-voltage, which lasts longer (milliseconds to seconds to minutes or even hours), you do not need to switch off the mains to protect against surges and spikes. Clamping to a safe level is the method of protection. The level of protection is best measured in joules and there is no complete protection here but the more joules of protection available the less possibility of damage. A standard surge protector can absorb about 140 Joules. Other factors are important, as in the speed of response, availability of earthing, etc. RFI and noise is generated by nearby equipment such as elevators, motors, radio controlled equipment, etc. Whilst surges/spike protection is incorporated in almost all of the Sollatek range of products, Sollatek in addition manufactures the Suppressor range solely for protection against these events.

Different classes/types of SPD should be installed in different areas in the building or even external to the building. Lightning Protection Zones (LPZ) particularly assist in determining the LPMS protection measures required within a structure. The LPZ concept as applied to the structure is shown in the illustration above and expanded upon in BS EN 62305-3. The general principle is that the equipment requiring protection should be located in an LPZ whose electromagnetic characteristics are compatible with the equipment stress withstand or immunity capability. In general the higher the number of the zone (LPZ2; LPZ3) the lower the electromagnetic effects expected. Typically, any sensitive electronic equipment should be located in higher numbered LPZs and be protected by its relevant LPMS measures.

---

**Single phase up to 13 amps - mains supplies**

**MultiGuard (MG)**  
Spike/surge protection

**PROTECTION AGAINST**  
- Spikes/surges

**Socket availability**

<table>
<thead>
<tr>
<th>Product</th>
<th>Neon</th>
<th>Spike</th>
<th>LED</th>
<th>Switch</th>
<th>Outlets</th>
<th>Cable length</th>
<th>Dimensions (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS-4U</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1</td>
<td>4</td>
<td>1.5m</td>
<td>327 x 62 x 35</td>
</tr>
<tr>
<td>MG-4U</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1</td>
<td>4</td>
<td>1.5m</td>
<td>327 x 62 x 35</td>
</tr>
<tr>
<td>MG-4UP</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1</td>
<td>4</td>
<td>3m</td>
<td>327 x 62 x 35</td>
</tr>
</tbody>
</table>

**Features**
- 13 AMPS
- Protection for:  
  - Monitors
  - Media Centres
  - Computers
  - Televisions
  - Printers

**Max current** 13 amps  
**Ideal for** All electronic appliances  
**Tip** Especially useful for computers and ideal for home use with TV, home theatre

**Response time** <10 nanoseconds  
**Total energy rating** 660 Joules  
**Max surge current** 6.5 kA amps  
**Weight** 500 gm

---

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
Single phase up to 13 amps - mains supplies

**MultiGuard (MGX)**
Spike/surge protection

**PROTECTION AGAINST**
- Spikes/surges

**Max current**
13 amps

**Ideal for**
All electronic appliances

**Tip**
Especially useful for computers and ideal for home use with TV, home theatre

**Response time**
<10 nanoseconds

**Total energy rating**
220 joules

**Max surge current**
6.5kA

**Weight**
Dependent on model

<table>
<thead>
<tr>
<th>Product</th>
<th>Plug</th>
<th>Socket</th>
<th>Outlets</th>
<th>Cable Length</th>
<th>Switch</th>
<th>Dims (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSX-4U</td>
<td>UK</td>
<td>UK</td>
<td>4</td>
<td>1.5m</td>
<td>No</td>
<td>327 x 62 x 35</td>
</tr>
<tr>
<td>MGX-4U</td>
<td>UK</td>
<td>UK</td>
<td>4</td>
<td>1.5m</td>
<td>No</td>
<td>327 x 62 x 35</td>
</tr>
<tr>
<td>MGX-6U</td>
<td>UK</td>
<td>UK</td>
<td>6</td>
<td>3m</td>
<td>No</td>
<td>370 x 58 x 31</td>
</tr>
<tr>
<td>MGX-4UP</td>
<td>UK</td>
<td>UK</td>
<td>4</td>
<td>1.8m</td>
<td>1</td>
<td>327 x 62 x 35</td>
</tr>
<tr>
<td>MGX-6UP</td>
<td>UK</td>
<td>UK</td>
<td>6</td>
<td>1.8m</td>
<td>1</td>
<td>370 x 58 x 31</td>
</tr>
<tr>
<td>MGX-5SP</td>
<td>Schuko</td>
<td>Schuko</td>
<td>5</td>
<td>1.8m</td>
<td>1</td>
<td>283 x 50 x 41</td>
</tr>
<tr>
<td>MGX-W4U</td>
<td>UK</td>
<td>WS</td>
<td>4</td>
<td>1.5m</td>
<td>No</td>
<td>327 x 62 x 35</td>
</tr>
<tr>
<td>MGX-W6U</td>
<td>UK</td>
<td>WS</td>
<td>6</td>
<td>1.5m</td>
<td>No</td>
<td>370 x 58 x 31</td>
</tr>
<tr>
<td>MGX-W4S</td>
<td>Schuko</td>
<td>WS</td>
<td>4</td>
<td>1.5m</td>
<td>No</td>
<td>327 x 62 x 35</td>
</tr>
<tr>
<td>MGX-W6S</td>
<td>Schuko</td>
<td>WS</td>
<td>6</td>
<td>1.5m</td>
<td>No</td>
<td>370 x 58 x 31</td>
</tr>
<tr>
<td>MGX-4UB</td>
<td>UK</td>
<td></td>
<td>4</td>
<td>1.5m</td>
<td>No</td>
<td>327 x 62 x 35</td>
</tr>
<tr>
<td>MGX-5SB</td>
<td>Schuko</td>
<td></td>
<td>5</td>
<td>1.5m</td>
<td>No</td>
<td>283 x 50 x 41</td>
</tr>
</tbody>
</table>

**Features**
- Protection for Class III
- Surge/Spike
- PureAC
- RFI (radio frequency interference) and noise

**Socket availability**
- UK
- Schuko
- Indian R6
- World

**Single phase + RFI up to 13 amps - mains supplies**

**PureAC**
Spike/surge and RFI protection

**Protection against:**
- Spikes/surges
- RFI (radio frequency interference) and noise

**Max power**
Dependent on model (up to 13 amps)

**Ideal for**
All electronic appliances

**Tip**
Especially useful for computers and telecommunication equipment like switchboards (PABX), telephones, modems and computers

**Protective mode**
L-N, L-E, N-E

**Response time**
<10 nanoseconds

**Total energy rating**
480 joules

**Max surge current**
6.5kA (8/20μs)

**Typical attenuation**
50dB @ 10Mhz

**Weight**
185 gm

**Dims**
140 x 60 x 90 mm

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
Voltsafe™ DSP range - The Distribution Surge Protector, available in single and 3 phase models - is the first choice for high capacity surge protection. This range is ideally suited to the protection of both entire distribution boards and equipment in domestic and industrial environments. The DSP utilises Metal Oxide Varistor (MOV) technology in its highly reliable protection circuits to ensure that your house, site, facility or plant is completely protected. Fully automatic in operation, DSP is engineered to react immediately, clamping voltage surges generated either internally or externally to a safe level, improving equipment reliability and reducing overall system downtime.

Single Phase – direct wiring

**DSP1P-20-T2**  
Mains spike/surge protection

A directly wired surge protection device (SPD) offering Class II protection.

Maximum surge current handling capabilities of 20kA with a maximum let through voltage of 750Vac.

Ideally suited to the protection of both entire distribution boards and equipment in domestic and industrial environments. Features LED indication of protection status and requires no operator intervention or maintenance.

**DSP3P-80-T2**  
Mains spike/surge protection

Directly wired 3 Phased Class II SPD offering current handling capabilities of 20kA per phase with a maximum let through voltage of 750Vac.

Ideally suited to the protection of both entire distribution boards and equipment in domestic and industrial environments. Features LED indication of protection status and requires no operator intervention or maintenance.
Single Phase – Din rail

DSP1P-25DM-T1+T2
Mains spike/surge protection

The Sollatek DSP1P-25DM-T1+T2 is a Type I & II combined surge protection device. This highly efficient lightning surge arrester is suitable for all installations where risk of surge and spike activity is particularly high, as in telecom installations, oil rigs, and open exposed areas with metal structures. The unit is a 2-pole device that provides 25kA (Type I, 10/350μs) protection per pole and up to 30kA per pole for everyday surge activity (Type II, 8/20μs). It is housed in a compact 35mm din rail mount enclosure. The Sollatek DSP1P-25DM-T1+T2 is the ideal solution for protecting all sensitive electronic equipment.

<table>
<thead>
<tr>
<th>Phase</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Type I&amp;II</td>
</tr>
<tr>
<td>Nominal discharge current (8/20 μs)/pole [In]</td>
<td>30kA</td>
</tr>
<tr>
<td>Maximum discharge current (8/20 μs)/pole [Imax]</td>
<td>N/A</td>
</tr>
<tr>
<td>Unit’s total kA</td>
<td>120kA (8/20μs) / 50kA (10/350μs)</td>
</tr>
<tr>
<td>Voltage protection level [Up]</td>
<td>1.5kV</td>
</tr>
<tr>
<td>Impulse discharge Current (10/350μs)/pole [Iimp]</td>
<td>25kA</td>
</tr>
</tbody>
</table>

Features

Protection for

DSP1P-40DC-T2
Mains spike/surge protection

The Sollatek DSP1P-40DC-T2 is a Type II surge protection device. This surge arrester is suitable for all installations where risk of surge and spike activity is particularly high. This unit is suited to installation in distribution panels in LPZ2. This unit provides 40kA (Imax) for every day surge activity. It is housed in a compact 35mm din rail mount enclosure. The Sollatek DSP1P-40DC-T2 is an ideal protection for all sensitive electronic equipment.

<table>
<thead>
<tr>
<th>Phase</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Type II</td>
</tr>
<tr>
<td>Nominal discharge current (8/20 μs)/pole [In]</td>
<td>20kA</td>
</tr>
<tr>
<td>Maximum discharge current (8/20 μs)/pole [Imax]</td>
<td>40kA</td>
</tr>
<tr>
<td>Unit’s total kA</td>
<td>40kA</td>
</tr>
<tr>
<td>Voltage protection level [Up]</td>
<td>1.25kV</td>
</tr>
</tbody>
</table>

Features

Protection for

DSP1P-10DR-T2+T3
Mains spike/surge protection

The Sollatek DSP1P-10DR-T2+T3 is a Type II&III surge protection device. This highly efficient lightning surge arrester is suitable for all installations where risk of surge and spike activity is particularly high, as in telecom installations, PLCs, IT equipment, where risk of RFI & Noise is high. This unit will protect against surges & spikes up to 10kA and with added RFI filtering. Should be installed in-line for maximum protection and is rated at a maximum of 10Amps. Ideal for installation on a din rail in PLCs and system panels.

<table>
<thead>
<tr>
<th>Phase</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Type III</td>
</tr>
<tr>
<td>Nominal discharge current (8/20 μs)/pole [In]</td>
<td>3kA</td>
</tr>
<tr>
<td>Maximum discharge current (8/20 μs)/pole [Imax]</td>
<td>10kA</td>
</tr>
<tr>
<td>Unit’s total kA</td>
<td>10kA</td>
</tr>
<tr>
<td>Voltage protection level [Up]</td>
<td>3kV/0.8kV</td>
</tr>
<tr>
<td>RFI filtering</td>
<td>f ≤ 0.1 - 30 Mhz</td>
</tr>
</tbody>
</table>

Features

Protection for
Three Phase – Din rail

DSP3P-100DM-T1+T2
Mains spike/surge protection

The Sollatek DSP3P-100DM-T1+T2 is a Type I & II surge 3 Phase protection device. This highly efficient lightning surge arrester is suitable for all installations where risk of surge and spike activity and, particularly due to nearby lightning activity, is high, as in telecom installations, oil rigs, and open exposed areas with metal structures. This unit should be installed in all building and sites at high risk (where a Lightning Protection System is in place and there is risk to human life such as schools, hospitals etc), and especially in climates where storms are frequent (NG > 25) or in the presence of overhead electric lines.

The unit is a 4-pole device that provides 25kA (Type I, 10/350μs) protection per pole.

It also combines Type II protection @ 70kA per pole.

Features
- 100kA up to
- IP20
- DIN rail mount
- Universal
- Surge
- Indoor
- Electrical
- Mechanical
- Building

Protection for

The Sollatek DSP3P-40DMC-T2 is a Type II surge protection device. Constructed in a simple modular and cartridge design where the active module can be easily changed without removing the unit. It is an efficient surge arrester suitable for all installations where risk of surge and spike activity is particularly high. The unit is a 4-pole device that provides 20kA (Type II) per pole.

Features
- 100kA up to
- IP20
- DIN rail mount
- Universal
- Surge
- Indoor
- Electrical
- Mechanical
- Building

Protection for

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
Stabilisers (also known as regulators) stabilise the incoming power supply providing constant voltage to the equipment. Sollatek manufactures two different ranges of stabilisers:

**SVS (Sollatek Voltage Stabilisers) range.**

**AVR (Automatic Voltage Regulators) range.**

The table opposite is a brief comparison between the two ranges.

### AVR AND SVS COMPARISON

<table>
<thead>
<tr>
<th></th>
<th>AVR</th>
<th>SVS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control</td>
<td>Microprocessor</td>
<td>Microprocessor</td>
</tr>
<tr>
<td>Switching</td>
<td>Taps/Triacs</td>
<td>Taps/Relays</td>
</tr>
<tr>
<td>Speed of correction</td>
<td>1250V/S</td>
<td>750V/S</td>
</tr>
<tr>
<td>Input range</td>
<td>-30% to +22%</td>
<td>-26% to +19%</td>
</tr>
<tr>
<td>Output accuracy</td>
<td>+/-4%</td>
<td>+/-6%</td>
</tr>
<tr>
<td>AVS function</td>
<td>No</td>
<td>Yes. (Disconnects the mains supply if the input varies outside pre-set limits and reconnects automatically. For a 230V system these are below 145V or above 290V)</td>
</tr>
<tr>
<td>Weight (of a 2Amp unit)</td>
<td>About 5Kg</td>
<td>About 2Kg</td>
</tr>
<tr>
<td>Suitable for</td>
<td>All electrical and electronic equipment.</td>
<td>All electrical and electronic equipment. If wider input and more accurate output control is desired then use the AVR.</td>
</tr>
</tbody>
</table>

---

### Economy Range - Right

**Description**

As both high and low mains voltage can damage your electrical equipment, the Sollatek TVRight, FridgeRight and A/CRight are designed to monitor and correct the incoming supply continuously. If the voltage rises or drops, they will correct the output to ensure that the voltage reaching your equipment remains within the operating range of the appliances connected to them.

The Sollatek TVRight, FridgeRight and A/CRight are easy to use, with a red LED indicating a problem with the voltage input, and a green LED indicating good input, and have an on/off switch to power the unit.

**Applications**

Suitable for all electrical and electronic appliances, including: washing machines, computers, fridges, TV, and satellites, and A/C units.

---

### Single phase up to 2 amps

**TVRight**

Voltage regulation and stabilisation

**PROTECTION AGAINST:**

- High voltage
- Spikes/surges
- Power-back surges

**FridgeRight**

Voltage regulation and stabilisation

**PROTECTION AGAINST:**

- High voltage
- Low voltage
- Spikes/surges
- Power-back surges

**Features**

- **AVS™**
- **Protection for all equipment**
- **Circuit Breaker**
- **Overload Protection**

**Protection for**

- **ALL Equipment**
- **AVS™**
- **Fridges**
- **Transmissions**

---

For further information on any of the products in this catalogue, visit our website: [www.sollatek.com](http://www.sollatek.com)
The Sollatek SVS monitors the mains voltage continuously. If the voltage rises or drops, the SVS will stabilise the output to ensure the voltage reaching your equipment remains constant at 230V (+/-6%), within the operating range of the unit. If the input voltage falls below 142V or rises above 295V, the SVS will disconnect the output, thereby protecting the load. Once the mains voltage returns again within acceptable limits, the SVS will reconnect the output following a start up delay. (All above voltages are for a 220/230V system. For other voltages contact Sollatek).

**Protection:**
- Microprocessor controlled stabiliser
- Very wide input voltage range
- Excellent output voltage stability (+/-6%)
- Includes surge and spike suppression
- Extremely fast response
- Incorporates over voltage 6 under voltage disconnect
- 10 second start-up delay as standard (modifiable)
- Incorporates TIMESAVE™ function. See page 10
- British design

**Socket availability**
- US
- UK 13amp
- UK 16amp
- Euro/Schuko
- Indian R6

**Features**
-保护
- 高电压
- 低电压
- 电涌/浪涌
- 电源过载
- 3分钟启动延迟

**Voltright™ Stabilisers/Regulators**

**ACRight**
**Voltage regulation and stabilisation**

**Protection Against:**
- High voltage
- Low voltage
- Spikes/surges
- Power-back surges
- Wide input voltage range
- Excellent output voltage stability
- Incorporates circuit breaker
- 3 minute startup delay

<table>
<thead>
<tr>
<th>Model</th>
<th>Amps</th>
<th>Range</th>
<th>Sockets</th>
<th>Delay</th>
<th>Weight</th>
<th>Dims</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACRight 120M</td>
<td>12A</td>
<td>180-250V</td>
<td>Direct Wire</td>
<td>3Min</td>
<td>3Kg</td>
<td>104 x 117 x 256</td>
</tr>
<tr>
<td>ACRight 150L</td>
<td>15A</td>
<td>152-270V</td>
<td>Direct Wire</td>
<td>3Min</td>
<td>3Kg</td>
<td>104 x 117 x 256</td>
</tr>
</tbody>
</table>

**Standard Range - SVS**

**Voltright™ Stabilisers/Regulators**

**Sollatek Voltage Stabiliser (SVS)**
**Over and under voltage stabilisation protection**

**Protection Against:**
- High voltage
- Low voltage
- Spikes/surges
- Power-back surges

**Features**
- 16 Amps
- Protection for
- Voltright™ Stabilisers/Regulators

**Model** | **Amps** | **VA240V** | **Socket** | **Weight (Kg)** | **Dims** |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SVS03-22</td>
<td>2</td>
<td>480</td>
<td>UK, EU, IND6</td>
<td>2.0</td>
<td>190 x 100 x 124</td>
</tr>
<tr>
<td>SVS04-22</td>
<td>4</td>
<td>960</td>
<td>UK, EU, IND6</td>
<td>3.0</td>
<td>190 x 100 x 124</td>
</tr>
<tr>
<td>SVS08-22</td>
<td>8</td>
<td>1920</td>
<td>UK, EU, IND6, UK15</td>
<td>5.0</td>
<td>270 x 387 x 160</td>
</tr>
<tr>
<td>SVS10-22</td>
<td>10</td>
<td>2300</td>
<td>UK, EU</td>
<td>5.0</td>
<td>162 x 132 x 275</td>
</tr>
<tr>
<td>SVS15-22</td>
<td>15</td>
<td>3600</td>
<td>EU, IND6, UK15</td>
<td>8.0</td>
<td>162 x 132 x 275</td>
</tr>
<tr>
<td>SVS16-22</td>
<td>16</td>
<td>3680</td>
<td>EU, IND6</td>
<td>8.0</td>
<td>162 x 132 x 275</td>
</tr>
</tbody>
</table>
Voltright™ Stabilisers/Regulators

Single phase 20 - 75 amps

Sollatek Voltage Stabiliser (SVS)
Over and under voltage stabilisation protection

PROTECTION AGAINST:
- High voltage
- Low voltage
- Spikes/surges
- Power-back surges

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Amps</th>
<th>VA@240V</th>
<th>Socket</th>
<th>Weight (Kg)</th>
<th>Dims</th>
</tr>
</thead>
<tbody>
<tr>
<td>SVS20-22 C</td>
<td>20</td>
<td>4800</td>
<td>Cable</td>
<td>14.0</td>
<td>162 x 132 x 275</td>
</tr>
<tr>
<td>SVS20-22 T</td>
<td>20</td>
<td>4800</td>
<td>Terminal</td>
<td>14.0</td>
<td>162 x 132 x 275</td>
</tr>
<tr>
<td>SVS20-22 WM*</td>
<td>20</td>
<td>4800</td>
<td>Terminal</td>
<td>29.0</td>
<td>300 x 200 x 280</td>
</tr>
<tr>
<td>SVS50-22 WM*</td>
<td>50</td>
<td>12000</td>
<td>Direct wiring</td>
<td>23.0</td>
<td>330 x 330 x 440</td>
</tr>
<tr>
<td>SVS75-22 WM*</td>
<td>75</td>
<td>18000</td>
<td>Direct wiring</td>
<td>38.0</td>
<td>330 x 330 x 440</td>
</tr>
</tbody>
</table>

* Wall mountable units

Three phase SVS models are available. Refer to Sollatek for more details

Wide Input Range - SVS

Single phase up to 4 amps

Sollatek Voltage Stabiliser (SVS04E-22)
Over and under voltage stabilisation protection

As both high and low mains voltage can damage your electrical equipment, the Sollatek SVS is designed to monitor and correct the incoming supply continuously.

The Sollatek SVS04E boasts a very wide input voltage range providing a much needed boost in areas of very low voltage voltage. The SVS04E will operate from 100V to 290V and has a modern state of the art digital display to indicate accurately the state of the input at all times.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Amps</th>
<th>VA@240V</th>
<th>Socket</th>
<th>Weight (Kg)</th>
<th>Dims</th>
<th>Socket availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>SVS04E-22</td>
<td>4</td>
<td>1000</td>
<td>Plug</td>
<td>8</td>
<td>193 x 100 x 124</td>
<td>Schuko, I5A</td>
</tr>
</tbody>
</table>

For full specifications and part numbers please refer to the Sollatek Voltright SVS Range brochure.

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
Professional Range - AVR

The Sollatek AVR is a state of the art solid state stabiliser. Using microprocessor technology, the AVR will rapidly detect voltage variations and correct the output to ensure 230V (+/-4%) supply. The Sollatek AVR has a very wide input range (-30% to +22%) and a voltage correction speed of 1250 Volts per second. No mechanical parts means that the AVR doesn't require maintenance and will not be affected by dusty environments as other mechanical (for example Servo type) stabilisers.

Features:
- Microprocessor controlled – high speed response
- Stabilises output to within +/-4%
- Corrects input change of more than -30% to + 22%
- A staggering 1250V/second correction speed
- Rapid response time of within 15 milliseconds
- Sizes available: from 1 amp single phase up to 3000 amps per phase - three phase

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
Three phase 20 amps up to 3000 amps (2mVA) per phase

Automatic Voltage Regulator (AVR)
Over and under voltage stabilisation protection

The Sollatek three phase AVR is made of three identical single phase regulator units providing independent control. The three phase range boasts the same standard features with one of the widest ranges as standard in the industry. Numerous options are available, making the three phase range a very comprehensive source of secure, stable power.

Features:
- Input range: -30% to +22% as standard. (narrower range is available on request - +/-15%)
- AVS option provides added protection against extremes of high and low voltages (optional). See page 10
- Input / output voltage and current meters (optional)
- Additional surge / spike suppression. Up to 3 x 1280 joules
- Manual by-pass switch (optional)

Options
A number of options is available on the Sollatek 3 Phase AVR range:
A) Automatic Voltage Switcher option (AVS™) Provides over and under voltage protection and a reconnect delay after power back surges. See page 8 for more details.
B C) Input / output circuit breakers Circuit breakers protect the load and the AVR from the harmful effects of over current. Recommended for all AVR installations.
D) Class II surge and spike protection (8/20µs) E) Enhanced input voltage range, boosts incoming voltage from 90V to 220V instead of the standard.
F) Phase Selector Constantly monitors three phase voltage and supplies the best two phase to the AVR. In case of a lost phase the two remaining phases will be used.
I) Isolating Transformer Option The Sollatek AVR can be supplied with a built-in Isolating Transformer. For more details, please refer to the Sollatek AVR brochure.
M) Digital input/output voltage and current meters The 3 Phase AVR can be ordered with meters to indicate the state of the input voltage to compare it with the output voltage. Current meters are useful to ensure that the load does not exceed the rating of the AVR.
D) Class II surge and spike protection (8/20µs)
E) Enhanced input voltage range, boosts incoming voltage from 90V to 220V instead of the standard.
F) Phase Selector Constantly monitors three phase voltage and supplies the best two phase to the AVR. In case of a lost phase the two remaining phases will be used.
I) Isolating Transformer Option The Sollatek AVR can be supplied with a built-in Isolating Transformer. For more details, please refer to the Sollatek AVR brochure.
M) Digital input/output voltage and current meters The 3 Phase AVR can be ordered with meters to indicate the state of the input voltage to compare it with the output voltage. Current meters are useful to ensure that the load does not exceed the rating of the AVR.
D) Class II surge and spike protection (8/20µs)
E) Enhanced input voltage range, boosts incoming voltage from 90V to 220V instead of the standard.
F) Phase Selector Constantly monitors three phase voltage and supplies the best two phase to the AVR. In case of a lost phase the two remaining phases will be used.
I) Isolating Transformer Option The Sollatek AVR can be supplied with a built-in Isolating Transformer. For more details, please refer to the Sollatek AVR brochure.
M) Digital input/output voltage and current meters The 3 Phase AVR can be ordered with meters to indicate the state of the input voltage to compare it with the output voltage. Current meters are useful to ensure that the load does not exceed the rating of the AVR.
D) Class II surge and spike protection (8/20µs)
E) Enhanced input voltage range, boosts incoming voltage from 90V to 220V instead of the standard.
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 its cost will be quickly recovered. Given the potential price of power failure, an effective UPS is indispensable.

**Line -interactive range 400VA to 2000VA**

The *Sollatek Ultima* Range - available in 400, 600, 800VA, 1000, 1400 and 2000VA ratings - is the perfect line interactive UPS for stand alone PCs and SoHo workstations. It protects your network equipment from power surges, brownouts and utility failures at a competitive cost. Its compact design features tighter output voltage and frequency regulation, RS232 and USB communications port, and modern/data line protection.

**Power Management Software**

The *Sollatek Ultima* LCD features the WinPower software; a powerful UPS monitoring tool which provides user-friendly interface to monitor and control your inverter system. This software provides complete power protection for your computer system while encountering power failure. With this software, users can monitor any UPS status on the same LAN. Furthermore, any UPS can protect any PC on the same LAN.

### Ultima LCD

Uninterruptible power supply

**PROTECTION AGAINST:**
- High voltage
- Low voltage
- Spikes/surges
- Power-back surges
- RFI and noise
- Lightning
- Power cuts
- Telecom surges

**Features:**
- Microprocessor controlled line interactive UPS
- Automatic Voltage Regulator (AVR) function with two boost and one buck taps.
- 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 (If the load is off)
- 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
- DC start function
- Auto restart while AC recovery
- Compact size and light weight

<table>
<thead>
<tr>
<th>Model</th>
<th>Amps</th>
<th>kVA/Watt</th>
<th>Weight (Kg)</th>
<th>Dims (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ultima LCD 650</td>
<td>2.9</td>
<td>650VA/360W</td>
<td>4.25</td>
<td>287 x 100 x 142</td>
</tr>
<tr>
<td>Ultima LCD 850</td>
<td>3.8</td>
<td>850VA/480W</td>
<td>4.9</td>
<td>287 x 100 x 142</td>
</tr>
<tr>
<td>Ultima LCD 1000</td>
<td>4.5</td>
<td>1000VA/600W</td>
<td>8.0</td>
<td>350 x 146 x 160</td>
</tr>
<tr>
<td>Ultima LCD 1500</td>
<td>6.8</td>
<td>1500VA/900W</td>
<td>11.1</td>
<td>397 x 146 x 205</td>
</tr>
<tr>
<td>Ultima LCD 2000</td>
<td>9.0</td>
<td>2000VA/1200W</td>
<td>11.1</td>
<td>397 x 146 x 205</td>
</tr>
</tbody>
</table>

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
Maxima – Double Conversion Online UPS
Uninterruptible power supply

A true double conversion UPS, Maxima will provide clean, high level quality power to fully protect mission-critical devices such as sensitive networks, small computer centres, servers, telecom applications, as well as industrial applications.

Main features and benefits
- LCD readout displaying the voltage levels, battery charge and load level
- Standard output sockets allowing easy connectivity of home and audio appliances
- Built-in stabiliser function with boost and buck
- Microprocessor controlled line interactive UPS
- Monitoring software for monitoring the PC and safe shutdown configuration
- 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)
- Green power function for energy
- Auto restart after power cuts
- Compact size and light weight

PowerBack PB850L
Uninterruptible power supply

The Sollatek PowerBack L (Linear) series is a rugged range of inverters suitable for harsh power environments. It provides an emergency backup system that makes it possible for homes or offices to have continued access to electrical service during power outages.

The Sollatek PowerBack is a battery-based system that will provide simple and silent operation. Fully featured but also economic in design to provide back up power when needed most. Equipped with a powerful charger to ensure fast charging when AC mains is available.

Suitable for any office or home environment that has an emergency requirement for uninterrupted mains power.
- Office equipment and appliances, including lighting.
- Home appliances, including air conditioners and refrigeration.

Main features and benefits
- 850VA simulated sine wave inverter
- Selectable input voltage range for home appliances or personal computers
- Selectable charging current: 10A or 20A
- Auto restart while AC is recovering
- Overload and short circuit protection
- Generators & Computer-related devices compatible
- Cold start function

Features:
- AVR
- Circuit Breaker
- Overload Protection
- AVR Function
- Circuit Breaker
- Overload Protection

Protection for:
- All Equipment
- Criminal Justice
- Computers
- Industrial
- Telecom Surge
**PowerBack PB1500L**  
Uninterruptible power supply

Built on the same design as the PB850L, the 1500L model allows the user to connect bigger loads, and connected to a 24V battery system, it can also provide more autonomy.

Suitable for:
- Computers
- Sever rooms
- Lighting
- Home appliances
- Refrigeration appliances

**Main features and benefits**
- 1.5kVA simulated sine wave inverter
- Selectable input voltage range for home appliance or personal computers
- Selectable charging current: 10A or 20A
- Auto restart while AC is recovering
- Overload and short circuit protection
- Generators & Computer-related devices compatible
- Cold start function

**Features:**
- AVS™
- Circuit Breaker
- Overload Protection

**Protection for:**
- High Voltage
- Low Voltage
- Surge
- MFI™
- S8/20μs
- Surge
- Power Cord
- Telephone Surge

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
PowerBack PB5000S and PB3000S (High Frequency range)

Inverter/Charger

The Sollatek PowerBack S range - is an inverter/charger unit that will accept Mains as well as Solar charging. This Linear/Transformer-less range is suitable for high performance applications and is especially useful in remote areas where mains charging is scarce and solar availability is abundant. The PowerBack can provide mains-like power for all your essential appliances and lights. The PowerBack charges the batteries when mains power is available.

The backup time the PowerBack can provide in a power cut depends on its overall capacity (determined by the number of the batteries connected and their state of charge), as well as the type and number of appliances connected to it.

Main features and benefits

- Solar charging input up to 3750Wp (depending on model)
- Selectable charging current up to 25Amps (depending on model)
- Suitable for all type of appliances and electrical and electronic equipment
- Elegant modern design
- Compact size (excluding batteries and installation accessories)
- Highly efficient back up when critically needed.
- Clean, reliable, Pure Sinewave power
- Fast transfer time (20 milliseconds) comparable to off-line/line interactive UPS
- Transfer time configurable to cope with Genset output power
- Three step intelligent charging to reduce recharge time
- Intelligent fan cooling determined by the load
- Supports heavy duty appliances e.g. air conditioners
- Comprehensive LCD display
- Fully configurable by end user
- Power Saving Mode
- Overload, short circuit, high temperature protection
- Low battery alarm
Maxima 3kVA – WL
3kVA online inverter

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.

Main features and benefits
• 3kVA online inverter
• Sine wave 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:
Micropapperator Control
AVS Function
40A Charger Current
System Voltage 48V
Circuit Breaker
Overload Protection
Sine Wave
SNMP Enabled
3000 VA Up To
Data-Center/Computers
Telecom
Banking
Medical Equipment
Prevents damage to equipment from over or under voltage levels of long duration. Works by disconnecting power when voltage level exceeds set parameters. Reconnects again when power returns inside parameters for a pre-set period. Fully automatic operation. All switchers include other protection features.

<table>
<thead>
<tr>
<th>NotebookGuard</th>
<th>HiVoltGuard</th>
<th>TVGuard</th>
<th>FridgeGuard</th>
<th>VoltGuard</th>
<th>LightningGuard</th>
<th>Automatic Voltage Switcher AVS13/15</th>
<th>SMC</th>
<th>A/C Guard</th>
<th>Automatic Voltage Switcher AVS30</th>
<th>Automatic Voltage Switcher AVS100</th>
<th>Automatic Voltage Switcher AVS303</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
</tbody>
</table>

Amps

- 1 to 2
- 6
- 6
- 6
- 7
- 6
- 13/15
- 20
- up to 25
- 30
- 100
- 23 to 1250

Single phase

- O
- O
- O
- O
- O
- O
- O
- O
- O
- O
- O
- O
- O

Three phase

- O
- O
- O
- O
- O
- O
- O
- O
- O
- O
- O
- O
- O

Connect via

- Plug/socket
- Plug/socket
- Plug/socket
- Plug/socket
- Plug/socket + data
- Plug/socket
- Direct wiring
- Direct wiring
- Direct wiring
- Direct wiring
- Direct wiring

Suitable for

- Notebooks
- Laptops
- Netbooks
- TV VCR
- HiFi
- Radio etc
- Plasma screens
- VCR
- Fridge Cooler etc
- TV/VCR
- HiFi
- Radio etc
- Fridge
- Freezer etc
- Telecoms equipment
- Internet
- Broadband
- PC
- Modem data etc
- Any electrical
- or electronic equipment
- (incl. air con)
- Any electrical or electronic equipment
- (incl. air con)
- Air conditioning equipment
- Air conditioning
- for industrial
- plants

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
<table>
<thead>
<tr>
<th>Voltsafe™ Suppressor Range</th>
<th>Voltright™ Stabiliser and Regulator Range</th>
<th>Voltsure™ UPS Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stops short-term disturbances from causing damage. Created by lightning strikes, power stations or nearby equipment switching on &amp; off.</td>
<td>Ensures equipment can still operate although the voltage level is outside its ‘normal’ range, by automatic correction within set levels.</td>
<td>Keeps equipment operating temporarily in a blackout by using standby battery power.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Automatic Voltage Switcher AVSIP-2</th>
<th>MultiGuard</th>
<th>PureAC</th>
<th>Distribution Surge Protector</th>
<th>Distribution Surge Protector (Din Rail)</th>
<th>FridayRight TVRlight</th>
<th>FriGuard</th>
<th>Sollatek Voltage Stabiliser</th>
<th>Automatic Voltage Regulator</th>
<th>Automatic Voltage Regulator 3p</th>
<th>Ultima LCD</th>
<th>Maxima LCD</th>
<th>PowerBack</th>
</tr>
</thead>
<tbody>
<tr>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>•</td>
<td>•</td>
<td>•</td>
<td>(optional)</td>
<td>(optional)</td>
<td>(optional)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>• (optional)</td>
<td>(optional)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>• (optional)</td>
<td>(optional)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>unlimited</td>
<td>13</td>
<td>3 to 13</td>
<td>unlimited</td>
<td>up to 100</td>
<td>1.3 to 2</td>
<td>12/15</td>
<td>1 to 75</td>
<td>1 to 400</td>
<td>20 to 3000</td>
<td>up to 2000</td>
<td>up to 6000</td>
<td>up to 5000</td>
</tr>
<tr>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>• (optional)</td>
<td>(optional)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>• (optional)</td>
<td>(optional)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Direct wiring</td>
<td>Plug/socket</td>
<td>Plug/socket</td>
<td>Direct wiring</td>
<td>Direct wiring</td>
<td>Plug/socket</td>
<td>Direct wiring</td>
<td>Plug/socket</td>
<td>Direct wiring</td>
<td>Plug/socket</td>
<td>Direct wiring</td>
<td>Plug/socket</td>
<td>Direct wiring</td>
</tr>
<tr>
<td>Any electrical or electronic equipment</td>
<td>Any electrical or electronic equipment on multi way strip</td>
<td>CPU Fax Modem Phone equipment</td>
<td>Any electrical or electronic equipment</td>
<td>Whole building electrical or electronic equipment 1 or 3 phase</td>
<td>Any electrical or electronic equipment</td>
<td>Air conditioners</td>
<td>Any electrical or electronic equipment</td>
<td>Sensitive electrical or electronic equipment</td>
<td>Computers, Servers, Telecom and any vital equipment.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
Solar power products and systems

SOLLATEK designs, manufactures and installs a wide variety of solar related products. Whilst being one of the world’s largest suppliers of OEM products, Sollatek also has extensive expertise in supplying bespoke solar systems.

Thousands of solar systems have now been installed around the world, many for large developments supported and financed by the World Bank.

**PRINCIPAL SOLAR ENERGY PRODUCTS** Sollatek’s range of solar energy products includes:

### iGlow One Solar LED Lantern

The Sollatek iGlow One is an economical and robust LED lantern with in-built solar panel and battery for ease of use. It is ideal for all small scale off-grid applications.

- USB for phone charging
- Micro USB for Lantern charging
- LEDs showing battery level
- Reading light with adjustable angle
- 5 in 1 charging cable (including lightning, micro USB & mini USB)

### SLK4 Solar Lighting Kit

Self assembly low cost 4 lights solar lighting kit for home/domestic use.

### Solar Lights

LED, SOX, and PL lights for indoor, outdoor and street lighting applications in 12V, 24V and 48V capacities.

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
Solar Energy Systems  Sollatek provide a complete turnkey solution to the telecom industry for the design, supply and installation of solar power systems tailored to their practical requirements.

Solar Street Lighting  Specialised bespoke street lighting and luminaires in areas where the electricity supply is unavailable. Available in LED, SOX, and PL ranges.

Solar Modules  Available in mono and multicrystalline versions. From 10Wp to 280Wp.

Solar Charge Controllers  Units ranging in size from 6A to 960A for 12V, 24V and 48V applications.

Batteries  Designed for professional applications, the range encompasses VRLA and wet technology with both tubular and flat plates, and a capacity range from 20Ah to 15,600Ah.

For further information on any of our Solar products, please see the Sollatek Solar catalogue.

For further information on any of the products in this catalogue, visit our website: www.sollatek.com
Connectivity and IoT

The ability to connect machines to the internet provides businesses with a huge opportunity to improve efficiency, reduce costs and maximise sales. Sollatek has a range of GSM and Bluetooth devices that help businesses to monitor their assets and obtain detailed data which can be viewed on an online portal provided by our industry-leading partners. GPS and WiFi module options create an extremely accurate Asset Tracking solution allowing businesses to secure their asset estate.

Temperature Control and Energy Management devices

Sollatek is a global leader in Temperature Controllers and Refrigerator Management devices for commercial fridges / freezers. All our solutions are electronic and fully programmable starting with a basic replacement for mechanical thermostats to ultra advanced controllers with self-learning algorithms for energy saving.

Digital Displays

Sollatek’s range of the latest LED technology digital displays come in a wide range of sizes and colours.

Stable Power

Sollatek has been providing stable and safe power to fridges and freezers around the world for over 30 years and continues to lead the way.
Sollatek’s expertise extends worldwide through local networks

Global and Local

With a customer base across the world and a local presence in more than 50 countries, Sollatek is able to provide support services wherever you are.

SOLLATEK UK LTD.
Tel: +44 (1753) 214 500
sales@sollatek.com
www.sollatek.com

Sollatek (UK) Ltd.
Sollatek House, Waterside Drive, Langley, Slough SL3 6EZ UK