



the**solar**range

INTELLIGENT SOLAR LIGHTING

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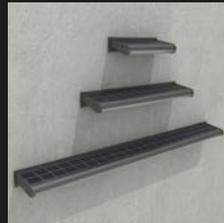
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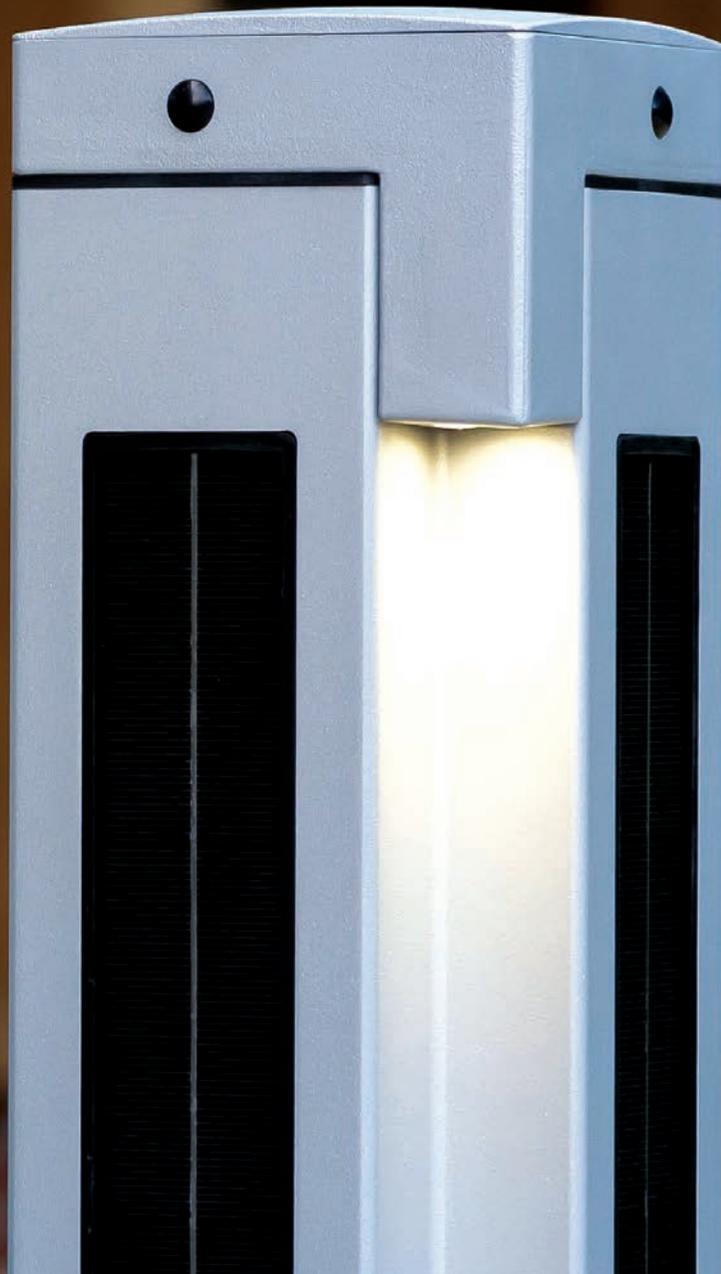
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# solarpost

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At 1m in height, the solar post is ideal for car parks, campuses, parks, quaysides and designated public areas.

The posts can have customised time settings to suit the specific requirements of the customer or the climate.

Designed and produced here in the UK the solar post offers the very latest cutting edge solar technology alongside a contemporary look and outstanding engineering.



# solarpost 100

## TECHNICAL SPECIFICATIONS

### Panels

- Power: 17.2W (4 x 4.3W panels)
- Material: Polycrystalline Silicon
- Construction: Photovoltaic cells sealed behind UV stabilised tempered glass
- Total Area: 102,300mm<sup>2</sup>

### Battery

- Type: ARTS VHT Ni-MH
- Capacity: 6V 10Ah
- Lifetime: up to 10 years at 20°C
- Operating Temperature: -40°C to +85°C
- Transportation: Meets all requirements of the International Air Transport Association (I.A.T.A Dangerous Goods Regulations)
- Low maintenance
- Excellent recovery from deep discharge
- Conforms to BS EN61056-1 and IEC1056-1 regulations

### LED

- Colour Temperature: 3700K to 5000K
- CRI: 75
- Max Current: 520mA
- Max LED Power: 1.43W
- 180lm/W max efficiency

### PIR sensors

- Type: Passive infrared sensor
- Range: up to 5 metres
- Detection Angle: 120°

### Controller features

- BMS system to optimise charging efficiency and prevent full discharge of battery
- Onboard real-time clock to allow custom on/off times

### Switch

- Magnet operated reed switch for activation





# solarstreet

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**At 2m, 3m and 4m high, the solar street is ideal for car parks, campuses, parks, quaysides and designated public areas.**

The solar street posts can have customised time settings to suit the specific requirements of the customer or the climate.

Designed and produced here in the UK the solar street offers the very latest cutting edge solar technology alongside a contemporary look and outstanding engineering.



# solarstreet 200

## TECHNICAL SPECIFICATIONS

### Panels

- Power: 34.4W (8 x 4.3W panels)
- Material: Polycrystalline Silicon
- Construction: Photovoltaic cells sealed behind UV stabilised tempered glass
- Total Area: 204,600mm<sup>22</sup>

### Battery

- Type: ARTS VHT Ni-MH
- Capacity: 6V 30Ah
- Lifetime: up to 10 years at 20°C
- Operating Temperature: -40°C to +85°C
- Transportation: Meets all requirements of the International Air Transport Association (I.A.T.A Dangerous Goods Regulations)
- Low maintenance
- Excellent recovery from deep discharge
- Conforms to BS EN61056-1 and IEC1056-1 regulations

### LED

- 3 x Cree XP-L High Density LED's
- Industry leading diode in Cree's HD class of LEDs
- 200lm/W max efficiency
- Options available for colour temperature: warm white, neutral white, cool white

### PIR sensors

- Type: Passive infrared sensor
- Range: up to 5 metres
- Detection Angle: 120°

### Controller features

- BMS system to optimise charging efficiency and prevent full discharge of battery
- Onboard real-time clock to allow custom on/off times

### Switch

- Magnet operated reed switch for activation



# solarstreet 300

## TECHNICAL SPECIFICATIONS

### Panels

- Power: 34.4W (8 x 4.3W panels)
- Material: Polycrystalline Silicon
- Construction: Photovoltaic cells sealed behind UV stabilised tempered glass
- Total Area: 204,600mm<sup>2</sup>

### Battery

- Type: ARTS VHT Ni-MH
- Capacity: 6V 30Ah
- Lifetime: up to 10 years at 20°C
- Operating Temperature: -40°C to +85°C
- Transportation: Meets all requirements of the International Air Transport Association (I.A.T.A Dangerous Goods Regulations)
- Low maintenance
- Excellent recovery from deep discharge
- Conforms to BS EN61056-1 and IEC1056-1 regulations

### LED

- 3 x Cree XP-L High Density LED's
- Industry leading diode in Cree's HD class of LEDs
- 200lm/W max efficiency
- Options available for colour temperature: warm white, neutral white, cool white

### Controller features

- BMS system to optimise charging efficiency and prevent full discharge of battery
- Onboard real-time clock to allow custom on/off times

### Switch

- Magnet operated reed switch for activation



# solarstreet 400

## TECHNICAL SPECIFICATIONS

### Panels

- Power: 34.4W (8 x 4.3W panels)
- Material: Polycrystalline Silicon
- Construction: Photovoltaic cells sealed behind UV stabilised tempered glass
- Total Area: 204,600mm<sup>2</sup>

### Battery

- Type: ARTS VHT Ni-MH
- Capacity: 6V 30Ah
- Lifetime: up to 10 years at 20°C
- Operating Temperature: -40°C to +85°C
- Transportation: Meets all requirements of the International Air Transport Association (I.A.T.A Dangerous Goods Regulations)
- Low maintenance
- Excellent recovery from deep discharge
- Conforms to BS EN61056-1 and IEC1056-1 regulations

### LED

- 3 x Cree XP-L High Density LED's
- Industry leading diode in Cree's HD class of LEDs
- 200lm/W max efficiency
- Options available for colour temperature: warm white, neutral white, cool white

### Controller features

- BMS system to optimise charging efficiency and prevent full discharge of battery
- Onboard real-time clock to allow custom on/off times

### Switch

- Magnet operated reed switch for activation





# solareye<sup>®</sup>

## 8CM DIAMETER SURFACE MOUNTED DELINEATOR

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Developed in the UK, in conjunction with end users, the solareye is a solar powered, low profile, in- set, 360 degree high visibility delineator, providing a strong LED signal during the hours of darkness -throughout the year.

Operational performance has been based upon actual western European weather/ sunlight – with the objective of CO2 neutrality.

### DELINEATION APPLICATIONS

- Cycle tracks and pedestrian walkways
- Car parks
- Driveways for golf courses / country clubs
- Decking areas & decorative patio lighting
- Boat marinas & dock areas
- Campuses & large residential areas
- Caravan & camp sites

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INTELLIGENT SOLAR LIGHTING

## ADVANTAGES

- Constructed from durable engineering grade polymer.
- Low profile—nominal 6 mm when installed.
- Easy for cyclists / vehicles to move over.
- Simple installation into asphalt or wooden decking
- In loose stone areas, just place and push in.
- Long life LFP Type battery—8 years + anticipated.
- High visibility—up to 500m.
- LED life—100,000 hrs.
- Light sensitive auto on/off for economical operation.
- Independent operation—no electrical supply required.
- Renewable and maintenance free green energy.
- Realistically priced based on market feedback.
- Installation service available
- Fully sealed integrated unit—100% waterproof

## TECHNICAL CHARACTERISTICS

- **Material:** High impact durable engineering grade polymer
- **Light source:** LED (100,000hrs life)
- **Battery:** LFP Type battery (8yrs + anticipated)
- **Working temperature:** -20 to +70 C
- **Body dimensions:** 80mm diameter
- **Installed height:** 6 mm nominal
- **Milling Depth:** 30mm
- **Weight:** Approx. 275g
- **Fixing adhesive:** Structural 2 component moisture tolerant epoxy
- **Working time after full charge:**  
Flashing 400hrs+  
Steady 200hrs+
- **Flash rate:** 1 sec on , 1 sec off
- **Water proof quality:** IP 68
- **High Visibility:** Up to 500m

## INSTALLATION & PRODUCT FAQS:

- Simple installation equipment, 2 persons required for larger jobs
- Dry cut using a milling tool
- Up 200 pieces per day can be installed
- Adhesive take 30 mins to set at 25° meaning minimal disruption
- Can be installed in damp conditions
- Automatic on/ off using light sensors
- Can be used on low traffic private roads

## PRODUCT RANGE

- LED signal, steady or slow flash.
- Standard colours: White steady, Bat Hat and Red flash
- Special colours to order: Yellow, Green, Blue & Red steady.
- Bat Hat option available for conservation areas
- Supplied in a box of 20: Weight 5.5kg





## WHAT IS THE SOLAREYE?

The solareye is a solar powered delineator with an omni-directional LED producing 360° visibility. Initially designed for cycle track and pathway installations as an economical alternative to hard wiring, there are also numerous other applications where the product can be used such as driveways, marinas and campsites.

### How is the solareye installed?

We use a unique milling cutter to bore the hole where the blade creates debris rather than dust, therefore making the process less harmful to the environment. The product is then fixed in to place using a structural 2 component all weather adhesive.

### How long does installation take?

Following preparation of the site by clearing the area and marking the required placement of the units, each cut into a typical asphalt takes less than 2 minutes. We estimate that 200+ pieces can be installed in one day.

### How long before the path is ready to use following installation?

At 25°C the adhesive will be tack free within 30 minutes but please allow 24 hours before the path is completely ready.

**solareye**<sup>®</sup>

### Do you provide the installation service or can I do it myself?

We can provide a full installation service but if you would like to do this yourself, we can provide you with a step by step guide on how to install.

### What are the installation costs?

Costs vary depending on size of project/location and substrate of surface. Each quote is individually tailored to each customer's requirements.

### Where should we place the solareye on our path?

Firstly you need to consider the location, if there are large areas of shade or if the path is prone to overgrown borders/debris then this may have an impact on the performance of the product.

There are many ways in which you can position the units for installation - here are our suggestions:

- Narrow or irregularly maintained path - Use a centre line spaced at 4.5m
- Wider paths or highly maintained areas - Use either side of the path spaced at 9m but staggered at every 4.5m (as suggested by Sustrans)
- 3m+ wide shared use paths - A centre line can be created but offset so that 2/3 are created for cyclists and the remaining 1/3 for pedestrians and other users

### In applications, you mention slipways - does the solareye really work underwater?

Yes! We have discovered through testing that even in several inches of water the unit will still charge (although it may take longer than if left out in direct sunlight). The unit is also completely sealed/waterproof and rated as IP68 - the highest IP rating available for dust and water immersion.

### I want to put solar units in to my fence panel, will the solareye work vertically?

Yes, as long as they receive some direct sunlight they work just as well vertically. The dimpled surface helps to capture more light.

### What about the effects of artificial light in conservation areas?

Artificial lighting is a major concern for Bats and their nocturnal friends. We have given our original product a little hat to reduce the upward slight spillage by 98% making it a far friendlier option for sensitive conservation areas. Please see our dedicated Bat Hat page for further information.

### How much pressure can the solareye withstand?

Firstly, the solareye has not been designed for highways - although it is a fully sealed unit molded with the toughest polycarbonate we have not designed this for road use. However, we have recently had an independent compression test carried out and the results were quite amazing.

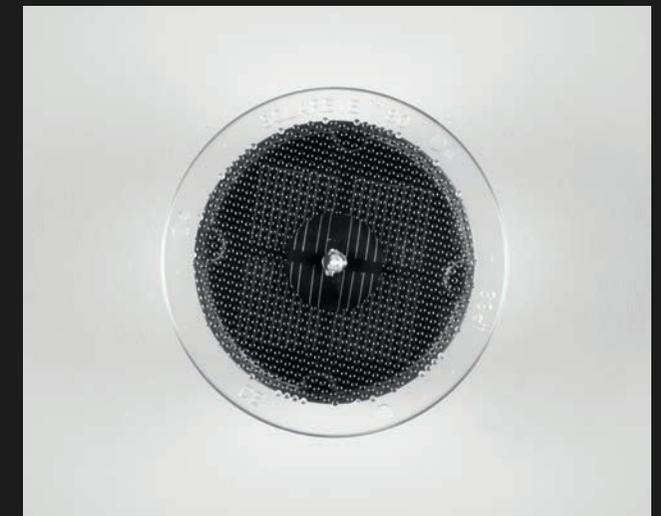
Please see the data sheet attached here for the results.

### How do we deal with vandalism such as graffiti?

Graffiti can be easily removed from the solareye using a standard graffiti remover.

### Is the solareye certified?

Yes, the solareye is CE certified and also carries a rating of IP68.





## GUIDANCE NOTES ON CHARGING

Full operational night time performance (200+ hours non-stop signal - without further exposure to daylight) will not be achieved until it has been completely charged outdoors. At this time with ongoing outdoor exposure, the large storage capacity then enables the solareye to operate throughout each night 365 days per year.

The solareye will start to charge from its first exposure to sunlight. During the summer in full direct sunlight, this can take up to 8 hours. Partial sunlight/shaded areas will extend the charging period.

For installations during winter months and in cloudy conditions the charging time will be extended. At these times, expect a slow build up to full performance as the solareye charges. During this period, full operational performance will not be achieved - but the solareye will operate satisfactorily with a shorter non-stop performance until fully charged.

Ensure installation within 6 months of purchase - or keep charged outdoors until installation prolonged periods in a discharged state may damage the battery and reduce performance.

Please take this in to consideration: all solar powered products need exposure outdoors to direct sunlight to function correctly so be sure to take this into account when selecting the positioning for the product.

Charging indoors on a windowsill may appear to be a good place to position the solareye but certain types of coated glass may block out most of the daylight.

## INFORMATION FOR CONSERVATION AREAS

The solareye is a delineator designed specifically for cycle paths & pedestrian areas that has been developed with a unique omni-directional LED giving a 360° visibility.

During the marketing of this product we often heard people mentioning upwards light spillage and the effect it has on flying mammals - mainly Bats.

To provide a solution for areas with Bat colonies and other conservation sensitivities we have designed a version that we call, the 'Bat Hat'.

We have re-engineered the standard unit slightly and added an opaque lens to reduce the upwards light spillage by over 95% making it a friendlier option for Nocturnal Mammals/Insects.

Within Dark Sky areas, the solareye is an excellent choice if your cycle path/walkway still needs to be visible without hindering star gazers.

This powerful delineator will not cause unwanted light fields - it will simply pave the way for the route you require.

**solareye**<sup>®</sup>

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# solar smart bench

## URBAN SMART BENCH

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**Solar Smart Bench is a versatile outdoor bench that offers USB mobile device charging from utilising solar energy without external electrical connection.**

The simple design of the bench allows solar energy to be collected and stored in the integrated controlled battery system to be used as and when required.

The stored energy also powers LED concealed lighting on the bench and can be utilised for Wi-Fi and other reporting.

# solar smart bench

From base model to bespoke branding, the Solar Smart Bench offers flexibility in three build finish options.



## Urban Smart Bench

The Urban Smart Bench offers a high-end, robust steel frame, powder coated in anthracite grey, with options for composite clad wood effect end panels, with a toughened edge protected 13 mm glass top.

The Solar Smart Bench has four USB charging ports, (iPhone and Android), and with an LED underside strip light included, the Urban Smart Bench offers an overall durable understated stylish outdoor bench that fits with any exterior setting.



## Flexi Smart Bench

The Flexi Smart Bench offers the same features as the Urban Smart Bench but has the extra flexibility of creating bespoke brand features at customer request, allowing the bench to have the customers unique brand identity.

Underside panels can be powder coated in brand colours, brand identity can be added to underside panels.



## Digi Smart Bench

The Digi Smart Bench offers the same features as the Urban/Flexi model but with the added premium features of LED full colour branded graphic end caps. This allows the customer to maximise their in brand communication potential.

# SPECIFICATIONS

## FEATURES

- Solar Power autonomy
- Mobile Device charging
- Temperature controlled ventilated seating
- Vandal Resistant
- Quality build materials
- Easy install and mobility

## SPECIFICATION

- 13mm Toughened laminated glass top
- 95 Ahr Varta battery system with regulated 10A inverter
- 100Wp Monocrystalline generating solar panel
- 4 x 1 A/2A USB water proof ports
- Composite wood effect end panels

## DIMENSIONS

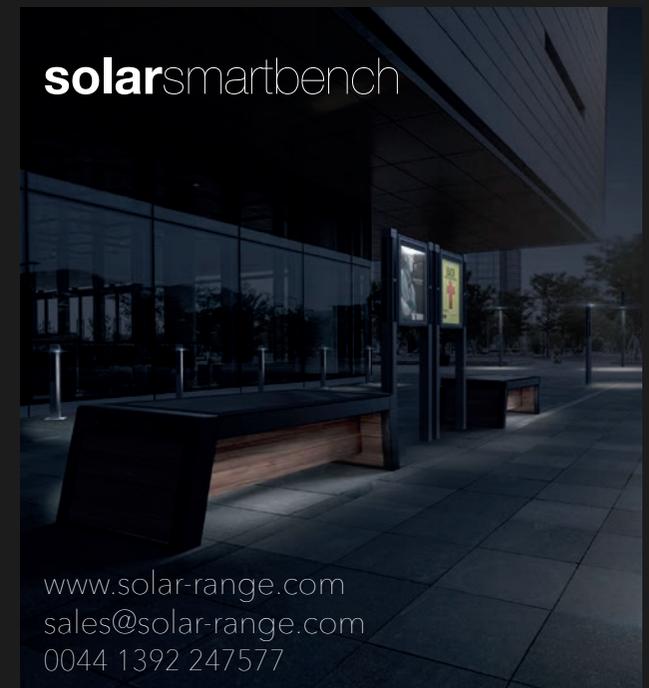
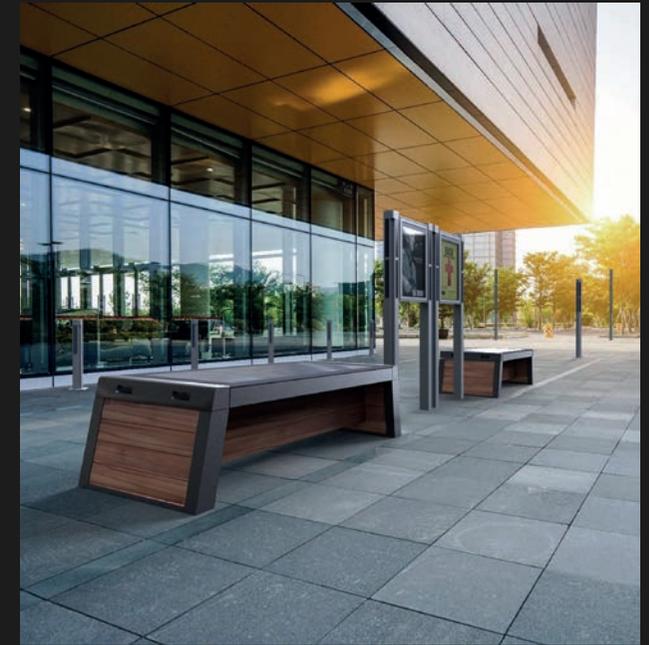
- Length 1680mm
- Width 700mm
- Height 452mm

## CUSTOMISATION

- Ambient LED Lighting
- Themed / branded ends
- Signage / Advertising
- Wi-Fi
- Data gathering
- RAL colour options

## SOLAR BENCH - ELECTRICAL SPECIFICATION

- Monocrystalline Panel - 100Wp output
- Battery -Varta LFD90, 90Ahr gel battery
- MPPT charger - 10 A
- Connectors - USB 2.0 - 4 off
- *Context:*
- An iPhone X has a 2.7 Ah battery so our battery can charge over 30 iPhone X's without any solar panel input.
- Our panel has the capability to charge 4 iPhone X's with less than 50% of its full output. The rest of the charge goes to storage in the battery



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# solar**smart**bench

## MUNICIPAL

Free clean power to provide WiFi and to charge mobile devices

### Key Features

- Solar power
- WiFi internet
- USB charging
- Qi wireless charging
- Solar energy
- Ambiance lighting
- Charge mobile devices
- Weather and vandal-proof
- Functions completely standalone
- Temperature controlled seats
- Available in every RAL color
- Easy installation

### Ideal For

- Beach boulevards
- Sports and playgrounds
- Bus and train stations
- Meeting points
- Schools and universities
- Campuses
- Squares and City Centers
- Bicycle and walking routes



# SPECIFICATIONS

## POWER

- Power supply: Solar panel
- Output voltage: 80 V
- Electricity output: 5,3

## BATTERY

- Battery type: AGM
- Voltage: 12,6 V
- Cell type: AGM

## USB

- Number of USB-ports: 4
- Charging voltage: 5 V
- Charging current: 2A

Size solar bench: 230 x 74 x 50 cm (length x width x height)

Thickness steel: 3 mm

Weight: 140 kg

Placement: on concrete or equivalent with 2 internal bolts  
740 2300 500

## EVERY COLOR

- Standard RAL-color: 9010

## Qi WIRELESS CHARGING

- Number of charging spots: 2
- Charging voltage: 5 V
- Charging current: 2A



## INTERNET

- Internet connection: through 4G-WiFi router (excl. Internet subscription)
- Reach internet: 10-20 meters around the solar bench

## COOLING

- Cooling of the seating surface through air cooling

## LIGHTING

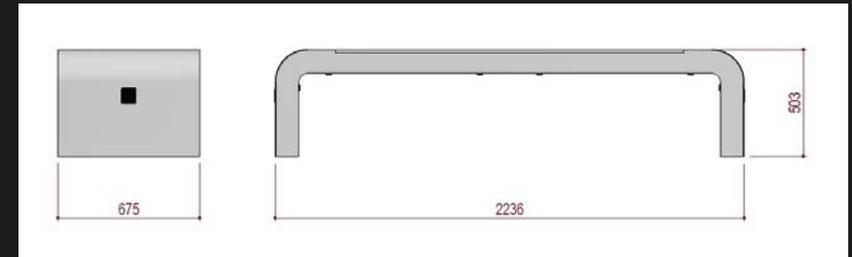
- Type LED: 5630SMD LED
- Colors available: white, blue, green, red
- Consumption: 1 W

**Size solar bench:** 230 x 74 x 50 cm (length x width x height)

**Thickness steel:** 3 mm

**Weight:** 140 kg

**Placement:** on concrete or equivalent with 2 internal bolts



# solarboom

**High quality solar powered overhead light unit providing customised light settings for different climates. Sensor system with bright up on approach.**

Ideal for poster cases, noticeboards, billboards, fascias and retro fitting providing zero energy costs and zero co2 emissions.

## DETAILS

**Sizes:** 300mm, 600mm and 1200mm

**Colours:** Black or silver anodised

**Material:** Extruded aluminium with cast aluminium end caps

**Working temp:** -20c to +65c

**IP 65**

**Warranty 2 yrs**

**Light colours:** 6000k/4000k/3000k

## TECHNICAL SPECIFICATIONS

### Pv panel

300mm 5w

600mm 10w

1200mm 20w

### LED

300mm 5w

600mm 10w

1200mm 20w

### Li-ion battery

3.7v all sizes

### Beam angle

120 degrees all sizes

### Lumens

300m 500lm

600mm 1000lm

1200mm 2000lm

All 100lm per watt

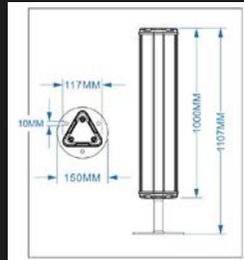


# solarpost 3side

**A 3 sided 1metre high triangular post providing cutting edge solar lighting.**  
Unique customised time settings to suit different climates in each country.

## KEY FEATURES

- Zero energy costs
- Zero co2 emissions
- Solar energy harvested from 3 pv panels totalling over 200,000mm<sup>2</sup>
- Customised switch off times and brightness levels for each country
- Battery disabled during transit or in stock
- IP 66
- 2 YR warranty



Further details about our unique range of products are available from our website [www.solar-range.com](http://www.solar-range.com)

Leasing packages are available through our financial services partner and we would be pleased to provide further information on request

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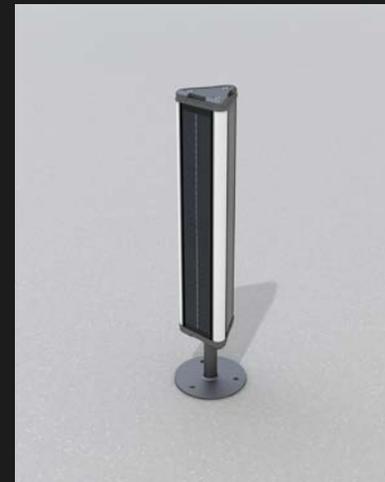
## TECHNICAL SPECIFICATIONS

### POST

- Height 1000mm
- Aluminium post extrusion with cast aluminium top end cap and base.
- Standard finish RAL 7001 silver grey.

### PV PANELS

- Photovoltaic cells sealed behind UV stabilised tempered glass.
- 3no PV panels 968mm x 73mm
- 12v 21 watt



## BATTERY

- Lifetime 5-7 yrs
- Operating temp -25 C to + 65 C
- 5.2Ah/7.4v

## LED ILLUMINATION

- colour temperature 6500k
- 100% brightness
- 0 156lx
- 500 87lx
- 1000 15.3lx
- 1500 11.2lx
- 2000 8.6lx
- 3000 6.4lx
- 50% brightness
- 0 100lx
- 500 56lx
- 1000 10.3lx
- 1500 6.7lx
- 2000 4.5lx
- 3000 2.8lx

## LED TIME SETTINGS

- 6 hrs or 12 hrs depending on country.

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# solarwall square

## TECHNICAL DETAILS

- solar panel power - 5.5V/4.7W
- battery capacity - 5.2AH
- colour temp - 2500-6500K
- light distribution - 500LM
- discharge time - 36hrs
- working temp - -25 - + 65C
- product size 265 x 195 x 155mm
- finish - gun metal metallic grey
- 2 yr warranty
- battery management system
- waterproof level - IP66



# solarwall round

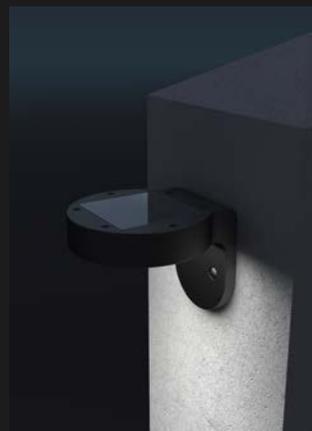
the solar range  
INTELLIGENT SOLAR LIGHTING

**At last. Beautifully designed and engineered solar powered wall units for both commercial and residential use.**

Competitively priced and easy to install, these products provide safety, comfort and guidance with zero energy costs and zero co2 emissions.

## TECHNICAL DETAILS

- solar panel power - 5.5V/1W
- battery capacity - 2.6AH
- colour temp - 2500-6500k
- light distribution - 200LM
- discharge time 36hrs
- working temp - -25 - +65C
- product size 152 x 134 x 100mm
- finish - gun metal metallic grey
- 2 yr warranty
- battery management system
- waterproof level - IP66



# solarwall mars

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INTELLIGENT SOLAR LIGHTING

**The solar wall mars is an ideal lighting solution for residential and commercial properties.**

Mars has a choice of settings using a sensor system giving the option of all night illumination on low light or just bright up on approach. easy to install and competitively priced with warranty support.

## TECHNICAL DETAILS

- Led 10 w 1000lm ( full brightness)
- Battery 3.6v 2000mAh
- Light colour 4000k
- Pir sensor 5-10m
- IP65 weatherproof
- Warranty 1yr

### Settings:

- 1. 0lm - pir 1000lm 10 secs
- 2. 20lm - pir 1000lm 10 secs
- 3. 20lm dusk to dawn



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# solarcase<sup>TM</sup>

## 1 METRE HIGH CASE

PATENT NO. 2.542.927 GB

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**Made-to-measure, the solarcase is a post-mounted illuminated information display case. It is ideal for sign lighting, bus stops, railway stations, cinemas, museums, or outside business premises.**

Solarcase provides a stylish, practical and efficient way to display information throughout the day and night.

They have the same interactive features as the solarpost, so people are aware of their existence from a distance at night and are able to read the information displayed easily when they approach and the illumination intensity increases.

The solarcase has a wide variety of applications and is particularly useful in rural locations where conventional street lighting and mains electric supply does not exist or would be prohibitively expensive to install.

## SOLARCASE TECHNICAL SPECIFICATION

### KEY FEATURES

- Zero energy costs
- Guaranteed to work from dusk until Midnight
- Easy installation (no hard wiring)
- High performance LED strip lighting
- Can work for 14 days without daylight
- Solar energy harvested from 12 vertical face panels
- Batteries last for up to 10 years
- Easy for cyclists/vehicles to move over (6mm high)
- Intelligent management system optimises performance to local conditions
- Smart technology actively cuts light pollution
- CO<sup>2</sup> Neutral

### SOLARCASE CONTROL SYSTEM

The Solarcase control system uses a four channel dynamic boost algorithm to maximise the power generated from each individual solar panel. During the day the light tracks across the Solarcase, illuminating and shading the panels. To capture energy efficiently from direct and indirect sunlight, the optimum power point of the panels is calculated in real time and the charge taken from the panels is adjusted, harvesting the maximum power from each panel.

The batteries are charged throughout the day from the energy harvested from the solar panels. The Solarcase control system has battery management technology which mitigates full discharge by reducing the LED brightness until there is sufficient ambient light to charge. To maintain battery levels during transportation the battery can be disabled by briefly placing a magnet against the Solarcase, once installed the magnet is used again to activate ready for use. The advanced battery technology offers an

exceptional temperature range & improved solar charging tolerance.

The Solarcase control system monitors the ambient light levels, anticipating the transition from day to night. The automatic transition allows for seasonal changes in light levels for any environment. As night falls, a 180 lumens-per-watt white LED illuminates. The brightness of the LED is regulated by a pulse-width-modulation driver circuit, the LED remains at a low light level until activated by the passive infrared (PIR) sensors. The PIR sensors have a detection range of up to 5m, on approach the LED brightens for 10 seconds, gently dimming to the low level.

The Solarcase control unit is fully sealed and uses IPX7 connectors.

### SOLAR PANELS SPECIFICATION

- Power: 51.60 watts (12 x 4.3w panels)
- Material: Polycrystalline Silicon
- Construction: Photovoltaic cells sealed behind UV stabilised tempered glass.
- Total Area: 300,000 mm<sup>2</sup>

### BATTERY SPECIFICATION

- Type: Ni-MH batteries
- Capacity: 2 x 6.4v 10ah
- Lifetime: 10 years at 20°C
- Operating Temperature: -40°C to +85°C
- Transportation: Meets all requirements of the International Air Transport Association (I.A.T.A Dangerous Goods Regulations).
- Low maintenance
- Excellent recovery from deep discharge.
- Conforms to BS EN61056-1 and IEC1056-1 regulations



**LIGHT EMITTING DIODE (LED) SPECIFICATION**

- LED light strip housed in aluminium extrusion complete with lens and end caps
- Illumination: CRI LED's
- LED colour temperature: 12v (4100k)

**PIR SENSORS SPECIFICATION**

- Type: Passive infrared sensor
- Range: up to 5 metres
- Detection Angle: 120°

**POST SPECIFICATION**

- Cap and lid Die-cast aluminium, to BS EN 755-2:2013
- Post and chassis Extruded aluminium to BS EN 755-9:2001
- Processing CNC machining with cutter heads using mineral-based coolant
- Powder coating finish any RAL colour
- IP rating 66 ( ingress protection)



**CASE SPECIFICATION**

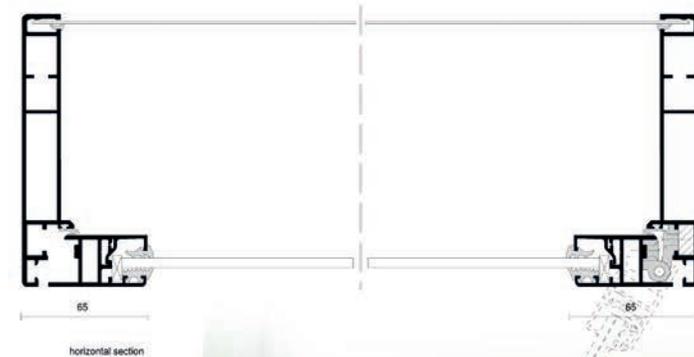
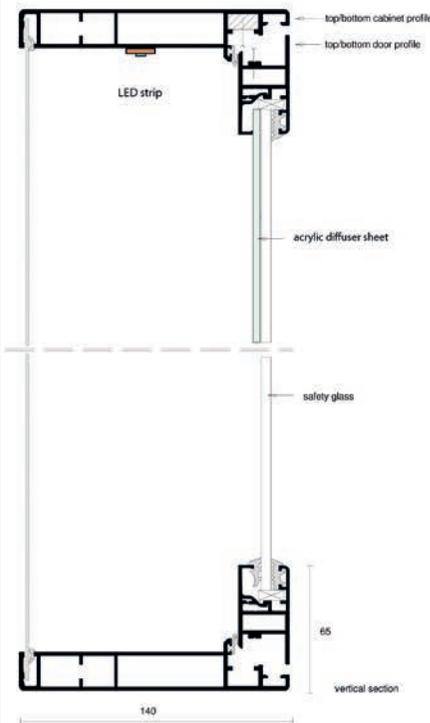
A1  
Overall size: 740mm w x 1080mm h  
Visual size: 610mm w x 860mm h

A0  
Overall size: 1330mm w x 1080mm h  
Visual size: 1200mm w x 860mm h

Special sizes available on request.

- Aluminium construction
- Powder coated
- Toughened glass covers
- Side hinge - left or right or top hinged with gas cylinders
- Permanent ventilation
- Magnetised interior back panel
- Vandal and frost proof locks
- 140mm deep
- Available in any RAL colour

**SOLARCASE SECTION DRAWINGS**





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INTELLIGENT SOLAR LIGHTING

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