



**solar**post

SOLAR POWERED STREET LIGHT



# 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



the**solar**range

INTELLIGENT SOLAR LIGHTING

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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