



EXPERTS IN PORTABLE
TRAFFIC TECHNOLOGY

SRL SolarLight

SRL's SolarLight Signals are designed to look more permanent than their portable counterpart.

SRL SolarLight Traffic and Pedestrian Signals are the same height as permanents, suitable for long-term use and are tailor-made for every site.

Key features:

- Fit and forget, 365 day run time with SRL Solar Plus®.
- UTMIC compatible.
- Multiphase Adaptive Detection System (ADS) compatible.
- Replicates the appearance of permanent signals for a more commanding semi-permanent appearance.
- SRL Telematics provides information about battery voltage, solar yield, site weather conditions and live signal status (subscription required).
- Non-directional solar; install in any direction onsite with no loss of performance.

Key benefits:

- Improved health and safety: less time on site working next to live lanes.
- Replicating permanent signal layouts with traffic and pedestrian signals on the same post.
- Up to 50% more efficient at reducing traffic congestion with Multiphase ADS.
- Improved overall running cost.
- Reduction in carbon emissions.
- Connect to UTMIC for local authority control and ultimate efficiency.



AVAILABLE TO HIRE

E hire@srl.co.uk

T 01606 738866



Battery levels and solar yield over a four-month period:



The above graph shows 31kWh solar energy produced over a four-month period from one signal (data retrieved from live customer trials), removing the need to undertake battery exchanges. This delivers a CO₂ reduction of 1139.28 Kg, equating to 3.7 Tons over 12 months. CO₂ reduction assumes average site with eight units onsite.

Technical Specification:

Dimensions	705 mm x 575 mm x 2900 mm
Footprint (stabilizing legs deployed)	1250 mm x 1100 mm
Weight Signals	210 Kg
Weight Batteries (AGM)	198 Kg
Maximum Power ± 5% (solar)	227 W
Operating Temperature	-40/+85 °C
Safety Class	A
Conversion of Sunlight	24%
Cell Technology	Monocrystalline silicon
Product Identifier	STB-TM-000147
Operating Range	500 m
Operating Voltage	12v
Operating Current	8w
Dimming	Dim 55 Lux/Bright 110 Lux

Conforming to the Directives and Standards outlined below:

2014/30/EU - Electro-Magnetic Compatibility Directive (EMC) 2016 (SI 2016 No 1091)

2014/53/EU - Radio Equipment Directive (RED) 2017 (SI 2017 No 1206)

2011/305/EU - Construction Products Regulations 2013 (SI 2013 No 1387)

SI 2005 No 1803 - General Product Safety Regulations 2005

BS EN 50556 - Road Traffic Signal Systems

BS EN 12675 - Traffic Signal Controllers - Functional Safety Requirements

BS EN 12368 - Traffic Control Equipment - Signal heads

BS EN 50293 - Electromagnetic Compatibility Road Traffic Signal Systems Product Standard

IEC 61215, IEC 61730 and IEC 61701 certified solar panels



UK Application No.	Trade Mark	Owner	Classes	Application Date	Registration Date
UK00003883768	SRL SOLAR PLUS®	SRL Traffic Systems Ltd The Light House, Unit 15, Road 5, Winsford, CW7 3SG, United Kingdom	9,11	1-Mar-23	19-May-23

Patent Pending United Kingdom (GB) Patent Application No: 2302939.0

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