

EXPERTS IN PORTABLE  
TRAFFIC TECHNOLOGY

# SRL Solar Plus®

The arrival of SRL Solar PLUS® signals a major move forward in sustainable traffic management.

A portable traffic system using solar technology, it dramatically reduces battery exchanges, power usage and emissions, making traffic management, far greener.

## Key features:

- Retrofit to any SRL portable traffic signal in under 20 minutes (\*excludes Compact boxes).
- Enhanced security with four extra bullet locks.
- The latest solar technology for optimal solar conversion.
- Non directional, install in any direction onsite with no loss of performance.
- IK10 rated - the highest impact resistance rating available.
- SRL Telematics provides information about battery voltage, solar yield and site weather conditions.

## Key benefits:

- Less battery exchange visits and fewer battery charge cycles results in longer battery life.
- Improved health and safety: - operatives benefit from less time on site working next to live lanes.
- Compatible with both Traffic and Pedestrian systems.
- Improved overall running cost.
- Reduction in carbon emissions.
- The flexible, rugged design of the solar panel is incredibly robust, reducing the likelihood of it being damaged or vandalized, meaning less downtime and cost.



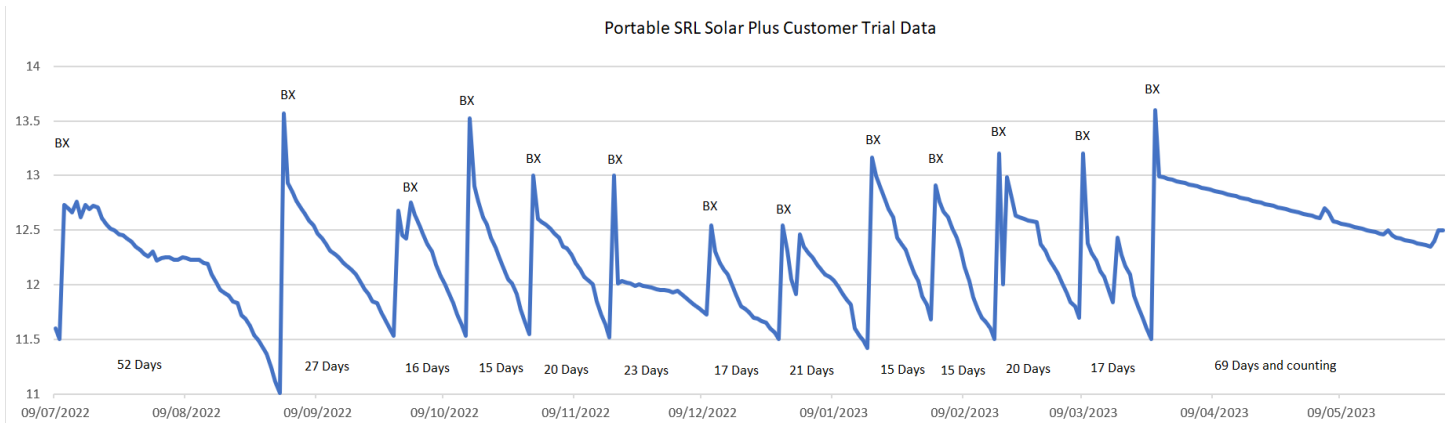
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## Proven performance:



The above graph shows data retrieved from live customer trials, commencing Summer 2022. Where *voltage* is dictated on the Y axis, and *dates* on the X axis, we can see the frequency of battery exchanges over an 11 month period. A total of 13 battery exchanges were completed. 'BX' denotes battery exchange.

## Technical specification:

Dimensions	601mm x 546mm
Weight	8Kg
Maximum power $\pm 5\%$	52W
Operating temperature	-40/+85 °C
Safety class	A
Conversion of sunlight	24%
Cell technology	Monocrystalline silicon
Product identifier	SPL-SP-000142

Conforming to the Directives and Standards outlined below:

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

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

SI 2005 No 1803 - General Product Safety Regulations 2005

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

IEC 61215, IEC 61730 and IEC 61701 certified panels

UK Application No.	Trademark	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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