SOLAR TRAFFIC LIGHT SYSTEM

SOLTECH
Solar Driven Safety
An SLD Brand

Features

The Solar Traffic Light System is designed to improve pedestrian safety by controlling vehicle traffic approaching the pedestrian crossing and advising pedestrians when it is safe to cross. The system is similar in operation to a standard pedestrian crossing/traffic light system without wiring between systems or the requirement to trench to run power. The entire system is powered by a high quality solar powerbank mounted atop the same post as the signals and activation button/PIR. The two mounting posts, push buttons/PIR, solar powerbanks, signals and optional road studs are independent standalone systems. The connection between both sides of the crossing is wireless. Push button or touchless activation on either side of the crossing begins the system's programmed operation. After activation the traffic light change from green to amber to red. The pedestrian symbol changes from a red standing symbol, to a green and walking symbol advising the pedestrian to cross. The timing between all process steps is programable to allow customisation to your site.

- Ultra-bright, weatherproof, backlit traffic and pedestrian signals
- Pedestrian and traffic signals time and mode of operations are programmable
- Dramatically increase the crossings visibility and improve the safety of pedestrians
- All component modules are solar powered and wirelessly connected
- >96 hours autonomy
- IP67 Waterproof design
- Impact resistant signal case and faces
- High visibility animated signal faces
- Simple plug and play installation
- Efficient and effective visual enforcement
- Lockable battery and component enclosure
- Portable or fixed versions available
- 2 year warranty for faulty workmanship or component failure not influenced by external means.

Website

Video

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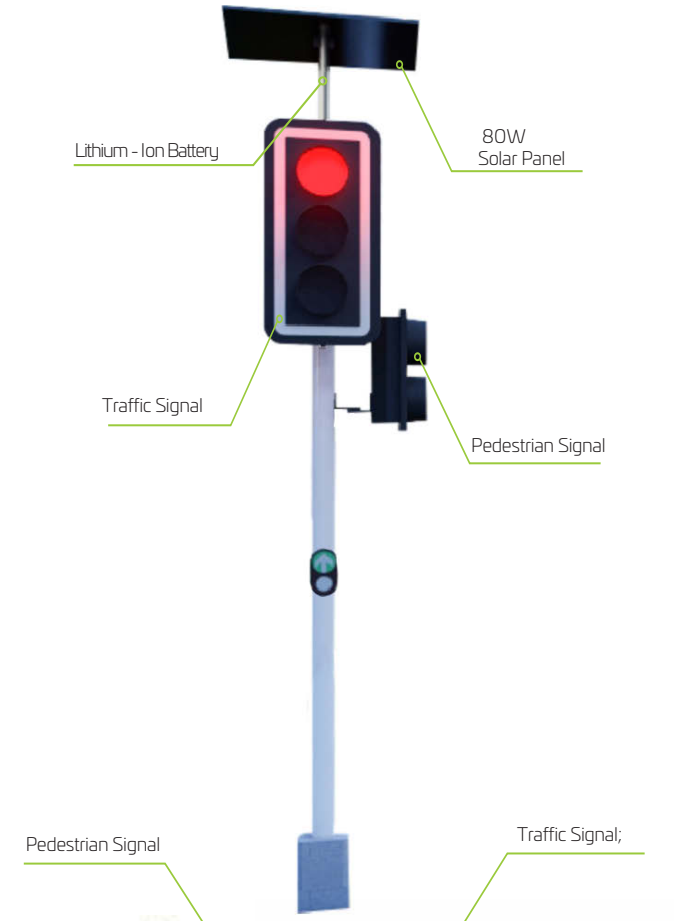
SOLAR TRAFFIC LIGHT SYSTEM SPECIFICATIONS



Applications

Roadways | Construction Zones | Distribution Centers

Technical Data

Signal Faces	**300mm Dia**
Signal Face Material	**High Impact Polycarbonate**
Display Colour	**Red/Amber/Green**
Solar Panel Wattage (STD Version)	**80W**
Led Output	**Variable**
Lumen Output	**Variable**
Battery Type	**Lithium - Ion**
Battery Specs (STD Version)	**60Ah 12v (720Wh)**
Autonomy	**> 5 Nights, Setting Dependent**
Light Source	**SMD LED**
Recharge	**6 Hours (interaction dependant)**
Mounting Height	**2.1 - 3m**
Standard Mounting (STD)	**Galvanised Steel Column**
Finish	**Various**
Warranty Period	**2 Years**
SKU	**SOLPED/TRAF**

Mode of Operation

Push button or touchless PIR (Passive Infrared) activation on either side of the crossing begins the system programmed operation

As we continue to improve the products function and/or design specifications and data provided may change without notice. Errors and omissions accepted.

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