

# SOLAR TRAFFIC LIGHT SYSTEM



## 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 programmable to allow customisation to your site.



Website



Video

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

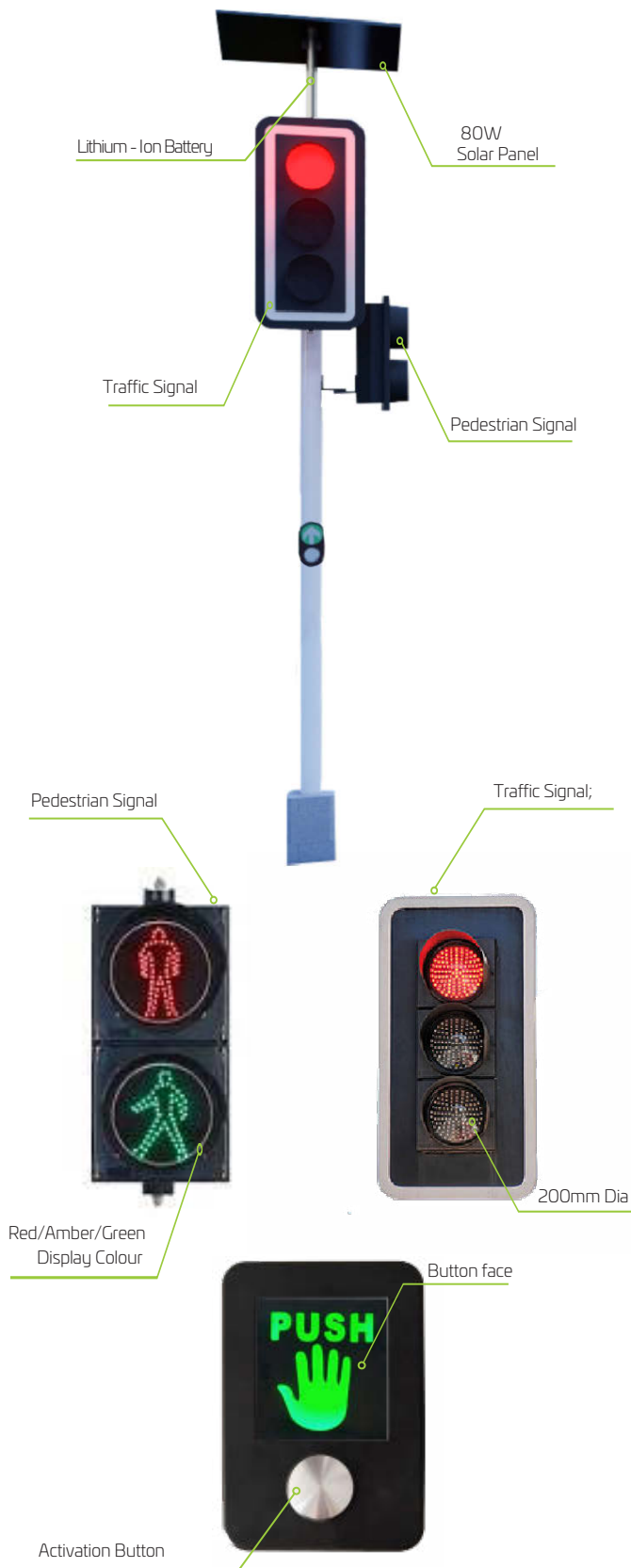
Efficient and effective visual enforcement

Lockable battery and component enclosure

Portable or fixed versions available

2 year warranty for faulty workmanship or component failure not influenced by external means.

# 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.