



The solar powered LED enhancing of a road sign is a simple and effective way to increase the visibility of the message and improve the safety of pedestrians and vehicles. The innovative technology employs a cased pair of synchronised ultra-bright, reflective backed LEDs that operate day and/or night and are visible up to 1000 metres. A solar panel connected to high quality lithium-ion battery allows > 72 hours of LED operation from a single full charge. The signs are manufactured to Australian standards from aluminium and 3M reflective material and attach to standard 60 mm - 76mm galvanised signposts. The LED enhancing of road signs designed to provide efficient and effective visual enforcement.

Luminaire Height	Variable
Lumen Output	Variable
LED Output	Variable

FEATURES

Signs manufactured to Australian Standards

Increase the visibility of the message and improve the safety of pedestrians

Simple plug and play installation

> 5 nights autonomy

Lockable battery and component enclosure

Day and/or night or custom operation

Quality LiFePO4 battery

Simple to install - Secures to a standard 60-76mm sign post

Alternative regulatory signs available

Efficient and effective visual enforcement

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

Solar Powered LED Enhanced Road Signs Specification



Applications

Roadways | Construction Zones | Distribution Centres

Technical Data

Sign Face	Variable
Sign Face Material	3M Class One Reflective
Display Colour	Variable
Solar Panel Wattage	60W/80W
Led Output	Variable
Lumen Output	Variable
Battery Type	LiFePO4
Battery Specifications	36Ah/60Ah 12v
Autonomy	> 5 Nights, Setting Dependent
Light Source	SMD LED
Recharge	<6 Hours
Mounting Height	2.1 - 3m
Standard Mounting	Galvanised Steel Column
Finish	Various
Warranty Period	2 Years

Mode of Operation

24 hour continuous or dusk to dawn operation. Custom programming available.

Product options available

Edge lit – Ultra-bright, weatherproof, fully backlit and edge lit, class one reflective sign face. Alternative signs available on request.



Doppler Radar – detects oncoming traffic, automatically triggering the system when vehicles approach.



Custom signs available – Various options illustrated below.

