



CATALOGUE 2018-2019



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SOLAR MADE EASY

Eco Solar Lighting's comprehensive range of solar products provide a reliable and effective solution for residential, commercial and industrial applications.

From solar bollards and street lighting, to mobile trailers and high powered relocatable lights, Eco Solar can tailor a solution to meet the requirements of your project.

With a substantial warehousing and distribution facility based in Melbourne and extensive manufacturing capabilities, we pride ourselves on providing excellent service and support to our customers.



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SOLAR BOLLARD LIGHTS

Eco Solar Lighting's range of commercial grade solar bollard lights are a cost effective lighting solution and are ideal for a wide range of applications. Whether it's increasing safety and security or adding ambient lighting to dark areas, our solar bollard lights provide a reliable and durable solution to suit your requirements.

Our solar bollard lights are built to withstand the harshest conditions the Australian environment has to offer. By eliminating the need for trenching and cabling, Eco Solar's bollard lights can be installed within sensitive and remote areas where a connection to the power grid is not a feasible option.

ECO-GL040



Model	ECO-GL040
LED Power	9.8W
Solar Panel	2-2.5W
Battery	DC 4-5Ah/6V
Controller	Intelligent Controller
Lumen	220-240lm
Material	Stainless Steel
Dimension	Ø 114mm x 600mm
Warranty	2 years

BENEFITS

- Easy installation
- Stainless steel body
- No trenching, wiring or cabling
- Minimal impact to installation site
- Maintenance free

APPLICATIONS

Parks, Driveways, Pathways, Courtyards, Gardens, Carparks, Private Roads, Jetties, Beach.

Stainless steel is ideal for corrosive environments such as coastal areas.

ECO-GL041



Model	ECO-GL041
LED Power	9.8W
Solar Panel	2-2.5W
Battery	DC 4-5Ah/6V
Controller	Intelligent Controller
Lumen	220-240lm
Material	Stainless Steel
Dimension	Ø 114mm x 600mm
Warranty	2 years

BENEFITS

- Easy installation
- Stainless steel body
- No trenching, wiring or cabling
- Minimal impact to installation site
- Maintenance free

APPLICATIONS

Parks, Driveways, Pathways, Courtyards, Gardens, Carparks, Private Roads, Jetties, Beach.

Stainless steel is ideal for corrosive environments such as coastal areas.

ECO-GL045



Model	ECO-GL045
LED Power	9.8W
Solar Panel	2-2.5W
Battery	DC 4-5Ah/6V
Controller	Intelligent Controller
Lumen	220-240lm
Material	Stainless Steel
Dimension	Ø 114mm x 1000mm
Warranty	2 years

BENEFITS

- Easy installation
- Stainless steel body
- No trenching, wiring or cabling
- Minimal impact to installation site
- Maintenance free

APPLICATIONS

Parks, Driveways, Pathways, Courtyards, Gardens, Carparks, Private Roads, Jetties, Beach.

Stainless steel is ideal for corrosive environments such as coastal areas.

ECO-GL046



Model	ECO-GL046
LED Power	9.8W
Solar Panel	2-2.5W
Battery	DC 4-5Ah/6V
Controller	Intelligent Controller
Lumen	220-240lm
Material	Galvanised Steel
Dimension	Ø 114mm x 600mm
Warranty	2 years

BENEFITS

- Easy installation
- Galvanised steel body
- No trenching, wiring or cabling
- Minimal impact to installation site
- Maintenance free

APPLICATIONS

Parks, Driveways, Pathways, Courtyards,
Gardens, Carparks, Private Roads, Schools.

Our galvanised steel solar bollards can be powder coated in different colours and are recommended if security or impact resistance is an issue.

ECO-GL049



Model	ECO-GL049
LED Power	9.8W
Solar Panel	2-2.5W
Battery	DC 4-5Ah/6V
Controller	Intelligent Controller
Lumen	220-240lm
Material	Stainless Steel
Dimension	Ø 160mm x 900mm
Warranty	2 years

BENEFITS

- Easy installation
- Galvanised steel body
- No trenching, wiring or cabling
- Minimal impact to installation site
- Maintenance free

APPLICATIONS

Parks, Driveways, Pathways, Courtyards,
Gardens, Carparks, Private Roads, Schools.

Our galvanised steel solar bollards can be powder coated in different colours and are recommended if security or impact resistance is an issue.

ECO-GL049HD



Model	ECO-GL049HD
LED Power	9.8W
Solar Panel	2-2.5W
Battery	DC 4-5Ah/6V
Controller	Intelligent Controller
Lumen	220-240lm
Material	Stainless Steel
Dimension	Ø 160mm x 900mm
Warranty	2 years

BENEFITS

- Easy installation
- Galvanised steel body
- No trenching, wiring or cabling
- Minimal impact to installation site
- Maintenance free

APPLICATIONS

Parks, Driveways, Pathways, Courtyards,
Gardens, Carparks, Private Roads, Schools.

Our galvanised steel solar bollards can be powder coated in different colours and are recommended if security or impact resistance is an issue.

ECO-GL049HDS



Model	ECO-GL049HDS
LED Power	9.8W
Solar Panel	2-2.5W
Battery	DC 4-5Ah/6V
Controller	Intelligent Controller
Lumen	220-240lm
Material	Stainless Steel
Dimension	Ø 160mm x 900mm
Warranty	2 years

BENEFITS

- Easy installation
- Stainless steel body
- No trenching, wiring or cabling
- Protective spiral to deter vandalism
- Maintenance free

APPLICATIONS

Parks, Driveways, Pathways, Courtyards,
Gardens, Carparks, Private Roads, Schools.

Our galvanised steel solar bollards can be powder coated in different colours and are recommended if security or impact resistance is an issue.



ALL-IN-ONE LIGHTS

The compact volume and light weight design of the All-In-One light reduces installation time and eliminates the need for bulky external battery boxes. With an in-built passive Infrared motion sensor, the All-In-One light automatically regulates the LED light output from a lower level to full brightness when movement is detected.

Utilising high quality Lithium batteries, the All-In-One light is designed to provide a durable lighting solution that is sure to withstand the test of time. Its clever design and slim line construction incorporates the latest solar power and LED technology, providing many years of consistent performance and operational reliability.



ECO-AIO



BENEFITS

- Easy installation
- Compact design
- Can be retrofitted to existing poles
- In-built motion sensor

APPLICATIONS

Parks, Streets, Driveways, Pathways, Courtyards, Gardens, Carparks, Private Roads, Playgrounds, Perimeter Lighting.

PART NUMBER	ECO-AIO10	ECO-AIO15	ECO-AIO20	ECO-AIO30	ECO-AIO40	ECO-AIO50
Power	10W	15W	20W	30W	40W	50W
Lumen	1100 - 1200 lm	1650 - 1800 lm	2200 - 2400 lm	3300 - 3600 lm	4400 - 4800 lm	5000 - 5500 lm
Colour Temperature	5.600k to 6.500k					
Solar Panel	20W	30W	50W	60W		80W
Charging Time	6-10 hours by sun					
Working Temperature	-20°C - 60°C					
Dimensions	580 x 295mm	820 x 295mm	925 x 295mm	1175 x 295mm		1175 x 422mm

PART NUMBER	ECO-AIO60	ECO-AIO70	ECO-AIO80	ECO-AIO90	ECO-AIO100	ECO-AIO120
Power	60W	70W	80W	90W	100W	120W
Lumen	6600 - 7200 lm	6600 - 7200 lm	8800 - 9600 lm	9900 - 10800 lm	11000 - 12000 lm	12500 - 13500 lm
Colour Temperature	5.600k to 6.500k					
Solar Panel	90W	100W		130W		
Charging Time	6-10 hours by sun					
Working Temperature	-20°C - 60°C					
Dimensions	1175 x 422mm		1595 x 450mm			



TELESCOPIC POLE

Eco Solar's Telescopic Poles are ideal for applications across urban areas and mining sites alike. Their main advantage over hinge poles is their ease of installation, requiring minimal man power to install and eliminating the need for cranes and high-rig lifting.

Unlike hinge poles that are lowered horizontally during the installation process, our Telescopic Poles are installed vertically and raised with an air compressor to your desired height. This also allows for easy access to clean the solar panel and components when necessary.

Our Telescopic Poles also come with the option of a concrete block, allowing the system to become completely relocatable. Made from reinforced concrete, the portable base block includes fork lift sleeves and lifting lugs on each corner for easy relocation.

TELESCOPIC POLE



Material	Aluminium
Maximum Height	7m
Operation	5 segments lift up by manual air pressure

BENEFITS

- Installed vertically
- Relocatable
- Easy installation

APPLICATIONS

Parks & Gardens, Worksites & Depots, Road Works,
Temporary Events, Mine Sites, Maintenance
Operations, Emergency Backup Lighting, Events.





SHELTER LIGHTS

Whether retrofitting existing shelters or incorporating solar technology into the design and manufacture of a new shelter, we can deliver on all your requirements.

Our range of solar shelter lights are available in kit form and are easily retrofitted to any existing bus, tram or train shelter.

The quantity of lights, battery capacity and solar panel size can all be increased as necessary to satisfy the suitable lighting requirements of the shelter.

ECO-BSL



Model	ECO-BSL
LED	7 pcs - high brightness
Solar Panel	18.5 x 18.5cm (4W)
Lithium Battery	2 x 3.7V/ 1500MA
Working Time	30 Hours (full charge)
Charging Time	7.5 Hours
Controller	Sensor or remote options

BENEFITS

- Vandal proof
- Long battery life
- Easy installation
- Fully guaranteed
- Suitable for all existing shelters

APPLICATIONS

Bus, Train and Tram Shelters, Public Restrooms.

The solar shelter lights have been designed so that anyone can install them without the need for experts. The lighting device is constructed from resin with a small cluster of encased LED lights, which mounts flat to the roof of the shelter.



MOBILE TRAILERS

Eco Solar Lighting's range of Mobile Solar Trailer Lights combine renewable energy solutions with the convenience of mobility. Our Mobile Trailers can be used in endless applications and are commonly used across various private, commercial, industrial and government sites.

Eco Solar's Mobile Trailers are available in various lengths up to a maximum of 9m, with either 2 or 4 LED solar light fixtures mounted on top. The mast has the ability to rotate 360° on its axis to provide ample light to any area required.

To ensure both mobility and strength, our Mobile Trailers are manufactured from structural aluminium. The LED solar light fixtures operate at 24V and emit over 15,000 lumens of light.

ECO-SLT-1200M-80/1003



Model	ECO-SLT-1200M-80/1003
LED	3 x 100W
Mast Height	7m
Mast	4 stages lift the mast
Range of Exposures	80m - 180m
Working Time	30h
Charging Time	12h
Tail Light	12V, LTL0801ARW Australian standard
Tow	2000kg, CO20000Z Australian standard
Charge Controller	3 x 30A/12V, 24V
Winch	Hand winch 2000lb
Tyre Diameter	60mm, ST185R/14LT
Battery Power	150AH/12V *6pcs
Dimensions	2500 x 1500 x 1550mm
Weight	1050kg
Solar Panel	3 x 300W, Monocrystalline

BENEFITS

- High lumen output
- Custom colours available
- Completely portable
- Plug-in charger available

APPLICATIONS

Festivals, Political Events, Military Applications, Community Sporting Events, Utility Repairs, Road Works, Hazard Lighting, Border Patrol, Emergency Lighting.

ECO-SLT-1200M-100-4



Model	ECO-SLT-1200M-100-4
Output Voltage	DC24V
LED	4 x 100W
Mast Height	7m
Mast	4 stages lift the mast
Range of exposures	80m - 180m
Working Time	30h
Charging Time	12h
Tail Light	12V, LTL0801ARW Australian standard
Tow	2000kg, CO2000Z Australian standard
Charge Controller	4 x 30A/12V,24V
Tyre Diameter	215/70R15
Battery Power	150AH/12V *8pcs
Dimensions	2650 x 1500 x 1950mm
Solar Panel	4 x 300W, Monocrystalline

BENEFITS

- High lumen output
- Custom colours available
- Completely portable
- Plug-in charger available

APPLICATIONS

Festivals, Political Events, Military Applications, Community Sporting Events, Utility Repairs, Road Works, Hazard Lighting, Border Patrol, Emergency Lighting.

ECO-SLT-1200M-150



Model	ECO-SLT-1200M-150
Output Voltage	DC24V
Power of lamp	4 x 150W
Mast Height	9m
Mast	5 stages lift the mast
Range of exposures	100m - 280m
Working Time	26h
Charging Time	12h
Tail Light	12V, LTL0801ARW Australian standard
Tow	2000kg, CO2000Z Australian standard
Charge Controller	4 x 30A/12V,24V
Tyre Diameter	215/70R15
Battery Power	200AH/12V *8pcs
Dimensions	2650 x 1500 x 1950mm
Solar Panel	4 x 300W, Monocrystalline

BENEFITS

- High lumen output
- Custom colours available
- Completely portable
- Plug-in charger available

APPLICATIONS

Festivals, Political Events, Military Applications, Community Sporting Events, Utility Repairs, Road Works, Hazard Lighting, Border Patrol, Emergency Lighting.

ECO-MLT-1200M-400



Model	ECO-MLT-1200M-400
Output Voltage	DC24V
Power of lamp	4 x 100W (LED, 100 lumens per watt)
Mast Height	10m
Mast	5 stages lift the mast
Range of exposures	80m - 180m
Working Time	30h
Charging Time	12h
Wind Generator	300W
Battery Charger	28V/20A, 220V,AC
Charger Cable	15.5m with power plug
Tail Light	12V, LTL0801ARW Australian standard
Tow	2000kg, CO2000Z Australian standard
Extendable stabiliser legs	4 x XY-2000G
Charge Controller	2 x 30A/12V,24V, MPPT solar controller
Winch LB Tyre Diameter	Hand winch, 2500LBS 680mm, 215/70R15
Battery Power	150AH/12V *8pcs
Dimensions	2650 x 1500 x 1950mm
Weight	1350kg
Solar Panel	4 x 300W, Monocrystalline

BENEFITS

- High lumen output
- Custom colours available
- Completely portable
- Plug-in charger available

APPLICATIONS

Festivals, Political Events, Military Applications, Community Sporting Events, Utility Repairs, Road Works, Hazard Lighting, Border Patrol, Emergency Lighting.