










SOLAR POWERED STREET LIGHTING SOLUTION

Our solar powered standalone street lighting solution provides light from dusk to dawn. The system uses free sunlight to charge the batteries through photovoltaic (PV) module and regulator. A built-in configurable timer automatically turns on and off the LED lights at stipulated timings. Alternatively, an automatic dimming function may be opted to enable responsible energy consumption and minimise light pollution.

This entirely self-sufficient off-grid solution provides reliable lighting with backup energy storage of up to 5 days¹ without need for costly excavation works, cable laying, grid connection or generator. The modular solution is built with superior quality components which are robust with prolong service life. It is extremely easy to install and maintain.

FEATURES

-  Configurable Timer
-  Automatic Dimming
-  Cost Saving
-  Full Autonomy
-  Long Service Life
-  Superior Quality
-  Environmentally Friendly

APPLICATIONS

Walking pathways, urban roads, residential street lights, private driveways, parking areas, campuses, community gardens, bicycle lanes, industrial roads, construction sites and more.

SYSTEM COMPONENTS

PV Module	High quality monocrystalline cells, can withstand harsh weather conditions, 10 years warranty on materials
Pole	4 m height, Galvanised steel, Fixation with anchoring plate
LED Light	Power: 40 - 60 W, Lumen Output: 4000 - 6000 lm, High brightness, High efficiency
Solar Charge Regulator	PWM or MPPT
Configurable Timer	Yes
Automatic Dimming Function	Yes (Alternative to timer control)
Batteries	12V Gel Batteries, High rated capacity, High reliability, Quick and easy installation
Outdoor Enclosure	Robust steel storage cabinet, Power coated, IP55 rated weather protection



¹5 days energy storage backup based on battery sizing for 12 hours of operation per day (e.g. 7 pm to 7 am) and take note that prolonged bad weather prevents optimal operating conditions for solar panels and energy storage backup.

CONTACT US

Doxals Engineering LLP (T09LL1581A)

 www.easigreenenergy.com

 sales@easigreenenergy.com

 (65) 9068 6289

 170 Upper Bukit Timah Road
#05-31 Singapore 588179