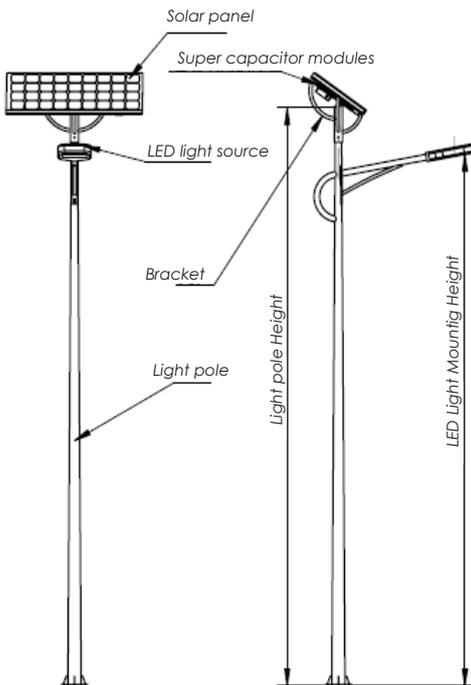


SOLAR LED STREET LIGHTS

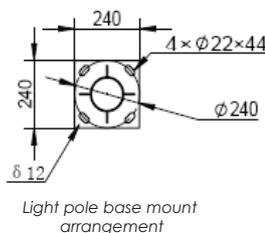
Latest technology in solar powered LED Street lighting eliminates the need for a battery to store the power, instead it uses the latest technology in super capacitor design to power the LED street light. This has many advantages over conventional solar power lighting such as a 50 year super capacitor life span, maintenance free, chemical free in addition super capacitors are stable and reliable. The solar LED street light Comes in a range of various sizes configurations and light outputs and is designed and manufactured to suit the lighting application.

Features:

- Material: Steel frame + Aluminum Alloy
- Solar Panel: 80W (Monocrystalline silicon s
- LED Lamp Power: Phillips 8W - 100W
- Battery: Super Capacitor 1,800,000F
30,000 cycles super stable power system
- The lamp angle adjustment , 30°~150°
- Install height: 4 - 8M
- Lumen: 800 - 10,000 Lm
- Charge time: fast charge, 365 day charging system
- Discharge time: Full power : Adjustable up to 15 hours
- Saving model : continues to charge even on rainy days
- Frame color : hot dip galvanised pole and frame
- LED light source type : SMD



*Approximate design layout only
final design to be confirmed
before production



High Efficiency Solar Panel

- Design life span more than 25 Years
- Class A solar panel cell
- Safe stable and reliable



Super Capacitor Energy Storage

- Life span >50 Years
- No maintenance required
- Environmentally friendly
- Chemical free
- Safe to store and transport



LED Outdoor light source

- Life span >50,000 hours
- Type 2 photometric parameter
- Waterproof and good heat dissipation
- Lens Refraction efficiency >95%



Intelligent Controller

- Life span 12 years
- Long distance monitoring
- Selectable switching control



Super Capacitor Box

- Waterproof
- Easy installation



Advantages of Super Capacitors:

- High Working Temperature -40°C~60°C, this range can keep the street lamp working normally in extreme temperature environments and continues to operate normally on rainy days
- The resistance of super capacitor has low, discharge range width down to 0 volts which allows it to work normally during any weather conditions
- Super long life span maintain normal temperature 30,000 charge & discharge cycles for 365 days of lighting, can be achieved with the intelligent control system.
- Super capacitor is an energy storage device not a chemical reaction as are batteries therefore making them a highly stable device.