

PUBLIC GREEN STREETLIGHT S4P

Widely local and national governments are busy finding not only cleaner energy solutions, but also cost reduction and efficiency in maintenance costs.

CO2 reduction seems to be the magic word when it comes to a more beautiful environment to ensure the entire population and nature in general.

But, this is not about security for the inhabitants.

National and local energy networks can fall down for all kind of reasons such as failure, storms, hard winter weather, attacks, vandalism, accidents with helicopters or aircraft that fly through power lines, traffic accidents and break barriers affect all these events may suggest the need for a fixed a whole section of a province or city in total darkness.

This gives an unpleasant feeling for all citizens and, therefore, the lampposts on the street do not work because the risk of burglary or looting, are then the greatest.

Also is it very difficult for emergency services and police to do their job properly to execute.

Therefore, we have already tested and years of experience with our S4P lampposts that stands alone, that create their own electricity through a thoughtful and technology, always ready for your street, or from your business property relief.

Our standalone S4P lanterns are equipped with a solar panel that, even in cloudy weather enough current to the battery pack in the food of the lamppost by a controller to load intelligent.

Also, is our S4P lamppost with a wind generator at the top of the pole equipped.

By both a solar panel as well as a wind generator to be used is a 100% charged battery pack protection.

We also don't use lead acid batteries, Li-ion batteries or gel batteries, we are using AGM Batteries because these batteries are specially manufactured to minimize the risk of leakage as possible. Even if you would reverse the AGM battery, it is not leaking.

We use AGM batteries because they are specially made for optimal functioning, in hot and extremely cold areas.

The solar panel and wind generator charging either via their own controller alkaline battery into battery pack to 24 volts.

This gives an extra security because, if there is a controller could not refuse, the other power supply keeps working so the battery at the desired level of maintenance.

The streetlight kindled when the solar panel with the associated controller detects less than 6 volts.

The poles are made of steel and two layers of galvanized and one layer of powder coated in the desired color quality for a long life time.

It is also easy to mount because a surveillance camera, the entire pile 24 volts, and the IP66 deliverable cameras are 12 volt.

This is also an additional opportunity to ensure public safety and ultimately possible for police and emergency services or the camera via blue tooth to read and possible crimes or accidents and charting easier.

Regarding the lighting we use LED lighting in various wattages available.

The purpose of roadway lighting is to produce timely, accurate and safe visibility at night.

Advantages of this system.

- . Absolutely no air pollution or CO2 emissions any more.
- . No chance that if the local or national power network failure, the streets are dark.
- . No more energy bills any more.
- . Much lower maintenance cost because, no wires.
- . Not dangerous in terms of maintenance because of the low voltage.
- . Much lower construction costs because there no longer have placed poles and wires have to be drawn.
- . The public street lighting network is not susceptible to attacks, storms and heavy weather in autumn and winter.
- . Lower maintenance costs by using LED lights and the highest quality components.
- . Very easy installation of the piles.
- . There is no possibility that in the winter street lights do not work because Freezing Rain or broken branches of trees.
- . No power loss (and a lot of CO2) in the cables any more as possible, there are now sometimes very long distances voltage must be supplied to light points outside the town or city.
- . It gives all residents feel safer.
- . Facilitate the safe movement of vehicles and pedestrians.
- . Reduce night time accidents.
- . Raise a sense of personal security.
- . Encourage the night time use of the area.