

Eco-\$mart, Inc.
www.eco-smart.com
941.376.8484 ph
info@eco-smart.com

INFO NEEDED TO DESIGN THE SOLAR STREET LIGHTS

Applicant information

Name and surname:

Email:

Phone:

Address:

State:

Please fill out either A or B

A) You already know the configuration

How many solar panels you need and which wattage?

How is the pole height and/or how is the led light height?

Which LED power do you need?

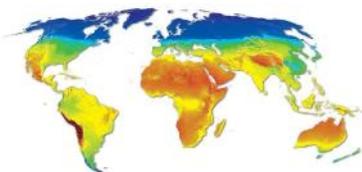
How many batteries you need, which voltage and which type (lead acid, Li-ion)?

How many solar street -wind lightss do you need?

B) We configure the perfect system for you.

Please give us as much possible information you have. The more information the best accurate will be the configuration.

Location



Different locations have different level of sunshine. If you tell us the location where the solar LED systems should be installed we can estimate the irradiation and therefore calculate the solar panel size.

In which city do you make the installation?

Application (driveway, pathway, highway, perimeter, parking):

Pole .



Do you already have the pole?

In the positive case please send us pictures

Otherwise, do have any requirement for pole height?

Please specify if the height refer to the pole or to the light

Do you need single arm or double arm pole?

Lamp power (type of road, lux).



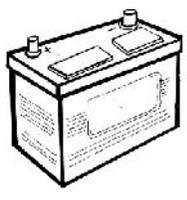
We need them to calculate the pole height and lamp power accordingly.

Do you know the type of road (highway, main road, village road)?

Do you have any minimum lux requirement?

Batteries (backup time).

In order to calculate the battery capacity, we need to know



How many hours the light will be on each night?

How long do you need maximum power light at 100%?

How many hours/day you need power save mode (example 6 hours full power, 6 hour 50% power everyday)?

Not everyday will be sun shining, how many rainy or cloudy days need to back up?

Where do you want batteries to be installed (on top of pole, hanging on pole, at the base of the pole, underground)?

do you have any specific requirement about the technology of the batteries? Such as lead acid, lithium batteries or..

Road information



Do you have the road picture or road layout?

How wide is the road?

How long distance between poles?

How much lumen is required?

Wind turbine



In order to calculate the wind turbine capacity, we need to know

Which type of wind turbine you need, the vertical or horizontal?

Which is the power request?

Quantity

How many solar street wind lights do you need?

How many warranty years do you need on the products?

Other notes