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# SOLAR STREET LIGHTS



# SOLAR LED STREET LIGHTS

Save 50% Cost of Solar Panel with LED Lights & Special Time Control Circuit.

## Features

1. Special Timer Control Design : STC conserves the Solar Energy ie, after 6-8 hours full lighting it automatically switches to lighting with half power consumption at midnight. (optional)
2. Efficient LED Lighting : Uses advanced and very powerful LEDs to match the solar energy supply.
3. Efficient control Circuit with the lowest static current consumption to conserve the solar energy.
4. Over Charge Protection.
5. Over Discharge Protection.
6. Install solar LED Street lights mixed with City power street lights to avoid emergency situations.

## Components

1. LED Module lamp with lamp housing
2. Built in solar controller and timer circuit (optional)
3. Accessories included (optional)
4. Solar Panel

Items	PTL-LED-H 04
Solar Panel	200 Watts
LED module	30 Watts
Batteries	150 Ah
Charge Controller	20 Amps
LED Quantity	1200
LED Brightness	8000 Lumens
Duration	3 nights
Pole Height	8 to 10 Meters
AutomaticallyStart darkness	Less than 120 LUX



Note : Select the PV module according to local weather conditions and duration of lighting required. Do not select a PV module that is above the maximum current limitation. Recommended PV module output is designed where on an average the effective sunshine is around 8 to 8.5 Hours

## Installation Tips

If installation in main city roads, choose one solar LED street light and one standard AC power street light for contingencies in black/brown outs

1. Please install the solar panel on light pole and select the best orientation to draw most sunlight.
2. Please install the solar lamp kit with built in solar controller on the poles as per the direction / tilt towards the road.
3. Connect the wires from the lamp kit to the one indicated to solar.
4. Connect the wires from the lamp kit to the one indicated to battery.

Note : DO NOT REVERSE THE "+ve" and "-ve" wires to the battery. It can damage the battery

	Solar LED Street Lights	General Street Lights
Power Consumption	30W / 40W / 45W	75W / 90W / 130W / 150W
Life Span	50000 hours up	1000 to 5000 hours
Power Network	No network consumption	High Power Network Consumption
Environment	Mercury Free	Hazardous Mercury Level
Safety	DC 12 V, Low Voltage safe	Ac 110/240V, Electrical shock
Stable	As Efficient light	Risk of Black / brown outs

- \* Above specifications are for 10-12 hours of applications for dusk-dawn. Kindly send us your solar insolation details via return email.
- \* 2 Years system warranty
- \* Errors expected and possible alterations without prior notice.