



# LED SOLAR STREET LIGHTING SYSTEM

**JED SOLAR AND WIND HYBRID POWER STREET LIGHTING SYSTEM** uses the most advanced wind and solar technology, with independent security of electric supply systems, automatic control the continuous operation to achieve ultra-low running costs and a beautiful visual experience.

Philips new generation of energy-saving high-efficiency products CosmoPolis, CDM-Elite TMW, Fortimo LED Module, with JED Special energy-saving lighting fittings in the solar and wind lighting system, will absolutely set off a new trend in the lighting field, truly emission reduction, leading the sustainable development.

## FEATURES

- Wind and solar lighting system using solar energy and wind energy, charging during the day and works at night, no external power supply, safe, green energy.
- Charging and turn on or off the lights without manual operation, long life span.
- It is an independent, fully automated system, can be automation as long as the working mode of the system is set.
- Controller mode is generally divided into light-control methods and timing control.


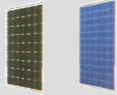





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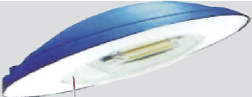

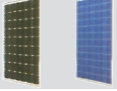



## Technical Specification

System Voltage	DC12/24V
Daily working hour	5-12 hrs adjustable
Consecutive rainy days backup	2-7 days selectable
Working temperature	-40°C-60°C

## LED SOLAR STREET LIGHT SYSTEM

IMAGE	FITTINGS	DESCRIPTION
	Lamp (LED/HID)	PHILIPS Fortimo LED LLM (2*) 12/14/21/24/33/34/50/53W PHILIPS CosmoPolis 45W/60W PHILIPS SOX 18~135W CDM 35W/70W
	Solar Panel	High efficiency mono/polycrystalline with service life more than 25 years
	Solar Charge Controller	10A/12V/24V with the function of anti overcharge and anti discharge. Automatically turn on and off
	Battery	DC12V maintenance-free gel battery with service life 5-7 years
	Power Box	Attached on top or underground, waterproof
	Pole	Hot-dipped galvanized pole with plastic power coating, arc arm and solar panel mount

## LED SOLAR AND WIND HYBRID STREET LIGHT SYSTEM

IMAGE	FITTINGS	DESCRIPTION
	Lamp (LED/HID)	PHILIPS Fortimo LED LLM (2*) 12/14/21/24/33/34/50/53W PHILIPS CosmoPolis 45W/60W PHILIPS SOX 18~135W CDM 35W/70W
	Wind Turbine	Overcharge protection, overdischarge protection, lightning protection, light and time-operated with controller, Service life: 15 years
	Solar Panel	High efficiency mono/polycrystalline with service life more than 25 years
	Solar Charge Controller	10A/12V/24V with the function of anti overcharge and anti discharge. Automatically turn on and off
	Battery	DC12V maintenance-free gel battery with service life 5-7 years
	Power Box	Attached on top or underground, waterproof
	Pole	Hot-dipped galvanized pole with plastic power coating, arc arm and solar panel mount



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