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COSMIC[®]

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Cosmic Smart Solar

LED Street Light with inbuilt lithium Battery



The Sun's Potential is infinite.
You have the power to harness it!



The Sun is a vital source of energy. Life on earth is completely dependent on a part of the sun's total energy. Renewable energy from the sun is abundant, clean, inexhaustible and moreover in this expensive world, it is FREE.

Cosmic Smart Solar LED Street Light

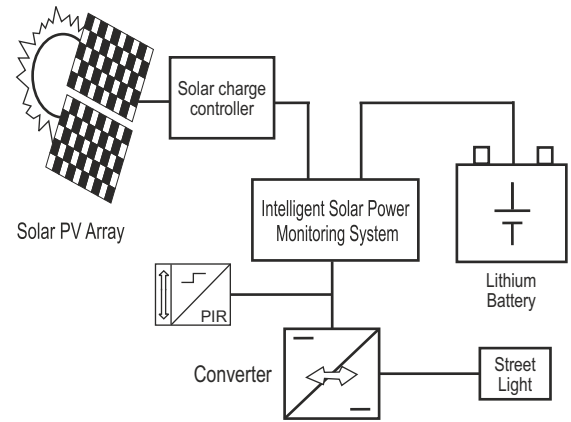
Features

- ★ Easy Installation Maintenance Free.
- ★ Long life, No Maintenance.
- ★ No risk of Battery theft, In built Battery.
- ★ In built Motion Sensor.
- ★ Bright LED Light at Night.
- ★ Automatic dusk to dawn / Timer operation.
- ★ Highly efficient MPPT charge controller.
- ★ Three step charging algorithm.
- ★ Temperature compensated battery set points.
- ★ Weather proof luminaries.
- ★ Adequate protections and indications.
- ★ Rust free GI pole & arms.

Application

- ★ Ideal for security, yard & street lights.
- ★ Rural street light applications.
- ★ Urban street light applications.
- ★ Path way lighting.
- ★ Shipyard township.
- ★ Campus lighting.
- ★ Farm house lighting.

Cosmic Smart Solar LED Street Light: How it works



Solar PV module converts sunlight into DC power and this is stored in the Lithium battery. Solar charger optimizes solar charging and prevents battery over charge / deep discharge. Converter converts DC power into light. PIR motion sensor controls LED light brightness. The system shall work on solar power, without grid power.



Technical Specification

LED LUMINARIES	9 Watt	15 Watt	30 Watt	7 Watt	45 Watt
BATTERY CAPACITY	73 Wh	144 Wh	288 Wh	144 Wh	432 Wh
SPV MODULE	20Wp	40 Wp	80 Wp	30 Wp	120 Wp



* This catalogue is issued to provide outline information only and is not deemed to form part of an offer or contract. We reserve the right to change the details without prior notice.

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SALES, SERVICE BY :

'ALL COSMIC PRODUCTS ARE BACKED WITH EXCELLENT AFTER SALES SERVICE'