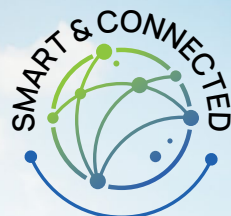




Smarter Today,
Sustainable Tomorrow



ALL-IN-ONE
Solar Street Light

ALL-IN-ONE

Solar Street Light

Sustainable solar solutions for a sustainable world.

Solar lighting solutions are gaining popularity across the world as they are not only a sustainable option but are also the future of long-term energy requirements. Bajaj Electricals has taken the opportunity of its increasing global demand to introduce Sunsoko all-in-one solar streetlight from the house of Sunsoko. It features high brightness, compact design, improved life and aims to transform the streetlight segment forever. The smart PIR sensor, modifies the lighting according to human presence, making it a light of the future. To add to that, the solar panel, LED light and battery as one single fixture, make this solar streetlight an all-encompassing streetlight unlike any other. The path to the future is bright with Sunsoko all-in-one solar light.

The range offers lighting solutions for urban roads, residential layouts, parks, public gardens, highways and commercial campuses to name a few.



Improved Lifespan



Reliability



Highly Rugged



BIS Approved



Safety and Performance

achieved by lithium ferro phosphate battery with Battery Management System




NOW CONNECTED TO THE CLOUD

The All-in-One product is now connected and with a cloud-enabled web application, we can monitor our solar lighting infrastructure remotely. The insights provided by the dashboard help us monitor and make predictive calls to our infrastructure.



COMPACT DESIGN

With phenomenal aesthetics, extruded aluminum housing and an all in one built in design, Sunsoko All-in-One is truly the most compact street light around.



ECONOMICAL & ECO FRIENDLY

Much lower operating cost than the standard street lighting system, because of Lithium Ion Phosphate battery. This also makes it a perfect green choice.



THEFT & DAMAGE RESISTANCE

The all in one design ensures that the battery lies within the light fixture itself and hence removal of the battery, vandalizing and damaging stays the minimum.



OFF GRID APPLICATIONS

Because the Sunsoko All-in-One is not connected to a grid, it can be used across a variety of outdoor locations.



EASY INSTALLATION

Can be fitted on solar poles and other structures like building facades with ease. Also can be shifted comfortably to other locations.

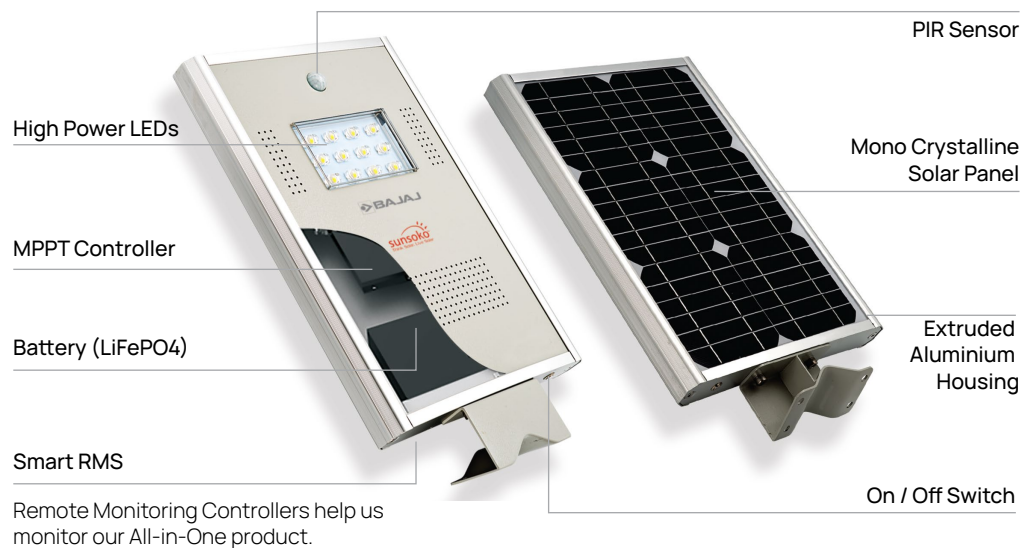


MAXIMUM SAFETY

Because it is powered by the sun, the Sunsoko All-in-One remains operational even during a power outage, preventing accidents. Moreover, because it is not connected to an electrical grid, it is the safest option in the market.



Product Description



Built in PIR Sensor (Passive Infrared Sensor)

The specially in-built PIR sensors allows the Sunsoko All-in-One to sense motion. In other words, if a human is within sensor range, then it is at 100% full power lighting mode. Otherwise, to save energy, it dims down to 30% power lighting.





Product Technical Specification

LIGHT SOURCE	12W	15W	18W	20W	25W
Product Name	BSZSL 12W LED	BSZSL 15W LED	BSZSL 18W LED	BSZSL 20W LED	BSZSL 25W LED
Solar Panel	20W(MONO) 18V	30W(MONO) 18V	35W(MONO) 18V	40W(MONO) 18V	45W(MONO) 18V
Dimension (mm)	495x355x80	740x305x140	740x305x140	940x305x140	940x305x140
LED - Life	50000 Hrs.	50000 Hrs.	50000 Hrs.	50000 Hrs.	50000 Hrs.
PIR Sensor	Yes	Yes	Yes	Yes	Yes
IP65	Yes	Yes	Yes	Yes	Yes
Battery - LiFePO4	12.8V 9Ah	12.8V 10Ah	12.8V 15Ah	12.8V 21Ah	12.8V 21Ah
Charge Controller	MPPT	MPPT	MPPT	MPPT	MPPT
Hybrid (AC-DC)	No	No	No	Yes	Yes
Full Load Working	1200LM	1800LM	2250LM	2400LM	3000LM
Lm/watt	120 lm	120 lm	120 lm	120 lm	120 lm
Colour Temperature	6000K-6500K	6000K-6500K	6000K-6500K	6000K-6500K	6000K-6500K
Net Weight	5.7 Kg	9 Kg	7.8 Kg	10.5 Kg	10.5 Kg
Installation Height	3-4M	4-5M	5-6M	5-6M	6-7M

LIGHT SOURCE	30W	40W	50W	60W
Product Name	BSZSL 30W LED	BSZSL 40W LED	BSZSL 50W LED	BSZSL 60W LED
Solar Panel	60W(MONO) 18V	60W(MONO) 18V	80W(MONO) 18V	90W(MONO) 18V
Dimension (mm)	1120x305x140	1120x305x140	1120x440x140	1120x440x140
LED - Life	50000 Hrs.	50000 Hrs.	50000 Hrs.	50000 Hrs.
PIR Sensor	Yes	Yes	No*	No*
IP65	Yes	Yes	Yes	Yes
Battery - LiFePO4	12.8V 21Ah	12.8V 27Ah	12.8V 36Ah	12.8V 42Ah
Charge Controller	MPPT	MPPT	MPPT	MPPT
Hybrid (AC-DC)	Yes	Yes	Yes	Yes
Full Load Working	3600LM	4900LM	6000LM	7200LM
Lm/watt	120 lm	120 lm	120 lm	120 lm
Colour Temperature	6000K-6500K	6000K-6500K	6000K-6500K	6000K-6500K
Net Weight	14.8 Kg	14.8 Kg	19 Kg	19 Kg
Installation Height	6-7M	6-7M	8-10M	8-10M

Note:

* Working Model Timing: First 3 hours: 100% full power lighting, Next 2 hours: 65% power lighting, Remaining hours: 30% lighting

- All product images and installations are indicative.
- Due to continuous efforts in developing and improving products, Bajaj Electricals Ltd. reserves the right to make changes in design, data and withdraw the luminaire/product without any prior notice.
- Poles in MS-Tubular & GI can be offered on request.



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Images of the products shown are for representation purpose only and the actual colour/size may vary.

