


Think Solar, Live Solar

Sustainable solar solutions for a sustainable world.



 **BAJAJ**
open new life

All-in-One
Solar Street Light

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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



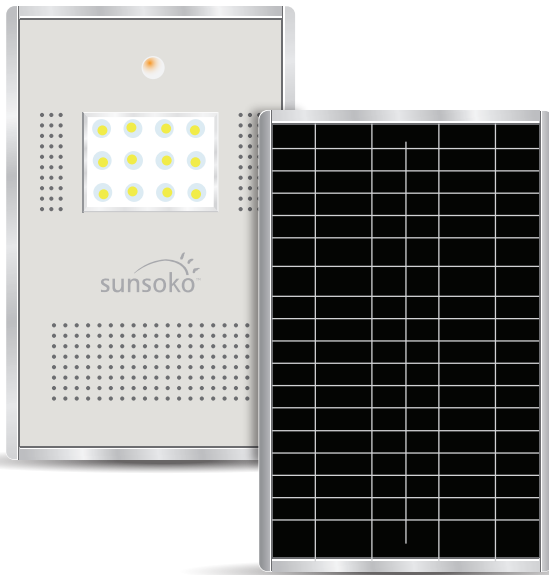
BIS approved



Highly Rugged



Safety and performance
*achieved by Lithium ferro
phosphate battery with Battery
Management system*



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.



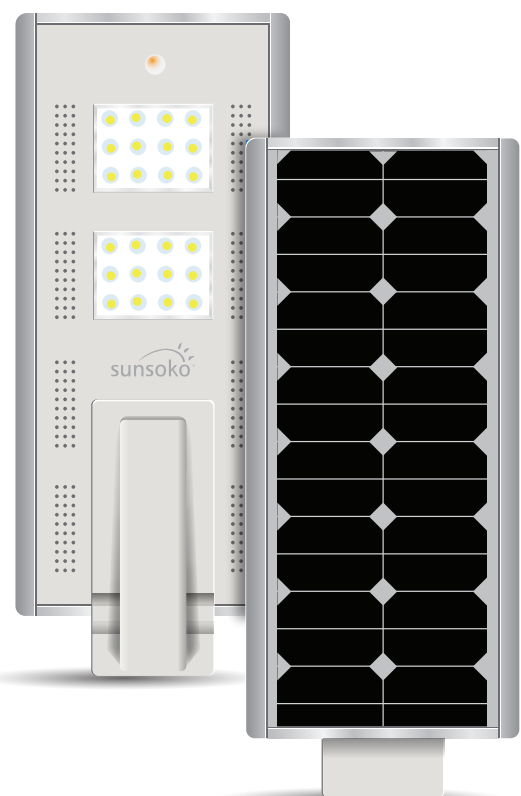
EASY INSTALLATION

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



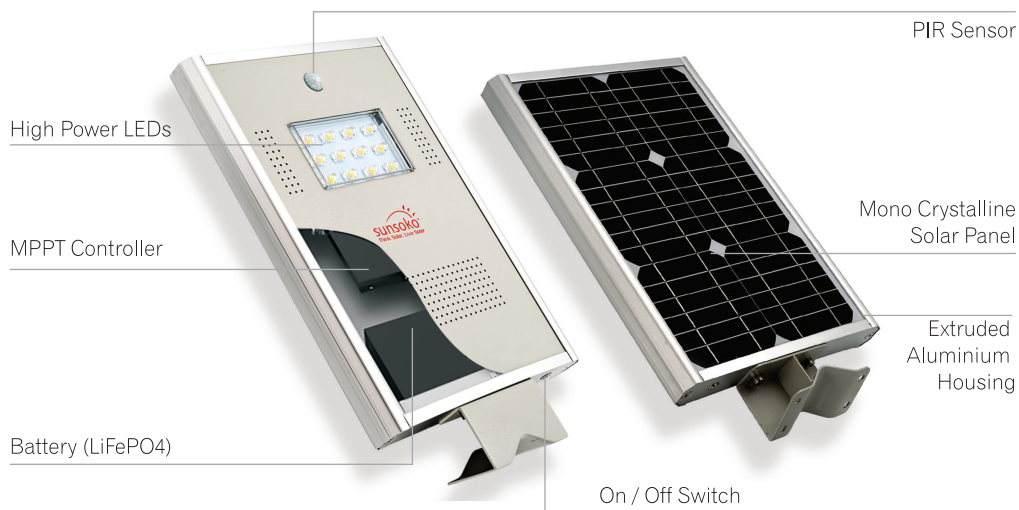
MAXIMUM SAFETY

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 25 W LED
SOLAR PANEL	18W±3W(MONO) 18 V	24W±3W(MONO) 18 V	30W±3W(MONO) 18 V	38W±4W(MONO) 18 V	38W±4W(MONO) 18 V
DIMENSION(MM)	507x335x55	507x335x55	507x335x55	725X340X55	725X340X55mm
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	12.8 V 12Ah	12.8 V 12 Ah	12.8 V 18 Ah	12.8 V 18 Ah	12.8 V 18 Ah
CHARGE CONTROLLER	MPPT	MPPT	MPPT	MPPT	MPPT
HYBRID(AC-DC)	NO	NO	NO	NO	YES
Lm/watt	120 lm	120 lm	120 lm	120 lm	120 lm
COLOR TEMPERATURE	6000K-6500K	6000K-6500K	6000K-6500K	6000K-6500K	6000K-6500K
NET WEIGHT	8.2KG	8.2KG	12.7KG	10.5KG	10.5KG
INSTALLATION HEIGHT	3-4MHT	4-5M	5-6M	5-6M	6-7M

LIGHT SOURCE	30W	40W	50W	60W
PRODUCT NAME	BSZSL 30 W LED	BSZSL 40 W LED	BSZSL 50W LED	BSZSL 60W LED
SOLAR PANEL	48W±4W(MONO) 18 V	48W±4W(MONO) 18 V	75W±7W(MONO) 18 V	75W(MONO) 18 V
DIMENSION(MM)	900x340x55mm	900X340X55mm	1007X475X55mm	1007X475X55mm
LED - LIFE	50000 Hrs	50000 Hrs	50000 Hrs	50000 Hrs
PIR SENSOR	YES	YES	YES	YES
IP65	YES	YES	YES	YES
BATTERY - LiFePO4	12.8 V 24 Ah	12.8 V 30Ah	12.8 V 39 Ah	12.8 V 39Ah
CHARGE CONTROLLER	MPPT	MPPT	MPPT	MPPT
HYBRID(AC-DC)	YES	YES	YES	YES
Lm/watt	120 lm	120 lm	120 lm	120 lm
COLOR TEMPERATURE	6000K-6500K	6000K-6500K	6000K-6500K	6000K-6500K
NET WEIGHT	13.25KG	13.25KG	24KG(approx)	24KG(approx)
INSTALLATION HEIGHT	6-7M	6-7M	8-10 M	8-10 M

Note:

- * **Timing Working Model:** First 3 hours: 45% full power lighting , Next 3 Hrs : 25 % power lighting , The rest few Hrs : keep 10 % Lighting
- All product Images & Installations are indicative
- Due to continuous efforts in developing products,improvement - Bajaj Electricals Ltd., reserve the right to make change in the design & data and withdraw the the luminaire without any prior notice

