



Soltech

SOLA **R**EVOLUTION

SOLTECH ENERGIES (P) LTD.

YOUR ENERGY SOLUTION

MANUFACTURER | DISTRIBUTOR | CONSULTANT

About Our Company

Established in 2004, Soltech Energies embarked with a dream: to emerge as a key player in India's green transformation through Renewable Energy. Today, we proudly manufacture PV Solar Modules, Solar Street Lights, and Lithium batteries, advancing sustainability across the nation. Our vision extends beyond, envisioning a future where clean energy powers every corner of India

Our Products & Services



Solar PV Module



Solar Street Light



Solar Lithium Battery

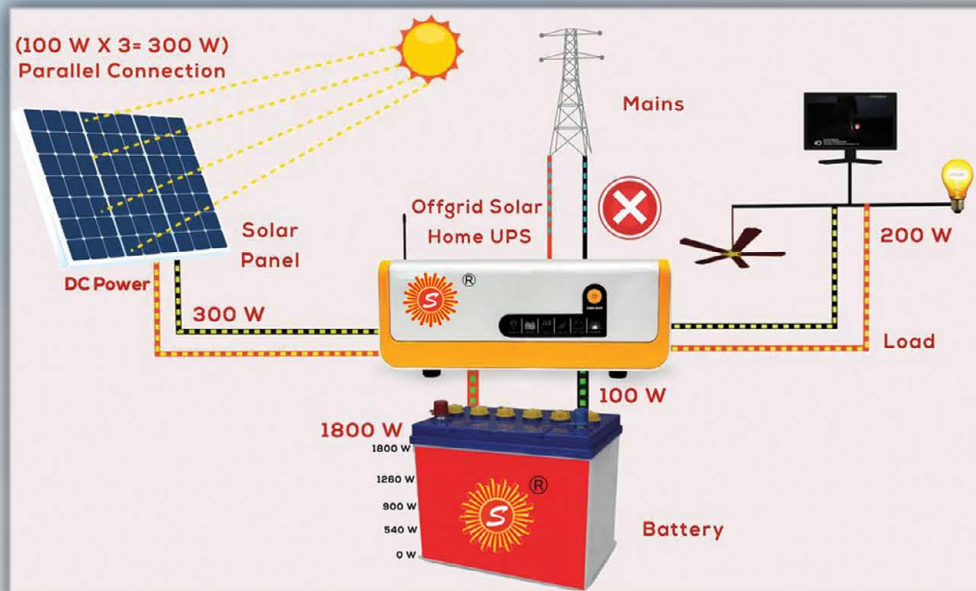


Solar Flood Light

Solar On-Grid System



Solar Hybrid / Off Grid System



Water Heater System Domestic & Commercial



Solar Water Heater ETC

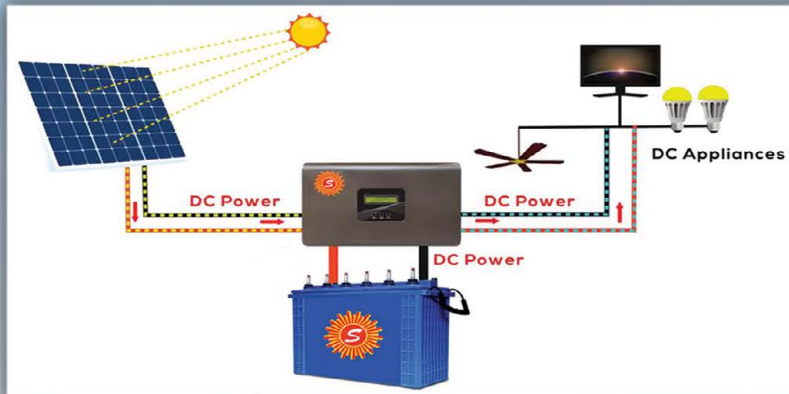


Solar Water Heater FPC

Solar Water Pumping System



Solar LED Home Lighting System



Solar LED Lantern



OUR CUSTOMERS:

WBREDA, AEDA, NF RAIL, ONGC, NTPC, INDIAN POST, IACS, PWD, BSF, DLF, BINANI GROUP,
OTHER CENTRAL AND STATE AGENCIES

SOLTECH ENERGIES (P) LTD.

📍 B.C-257, SAMARPALLY, KRISHNAPUR, KOLKATA - 700102

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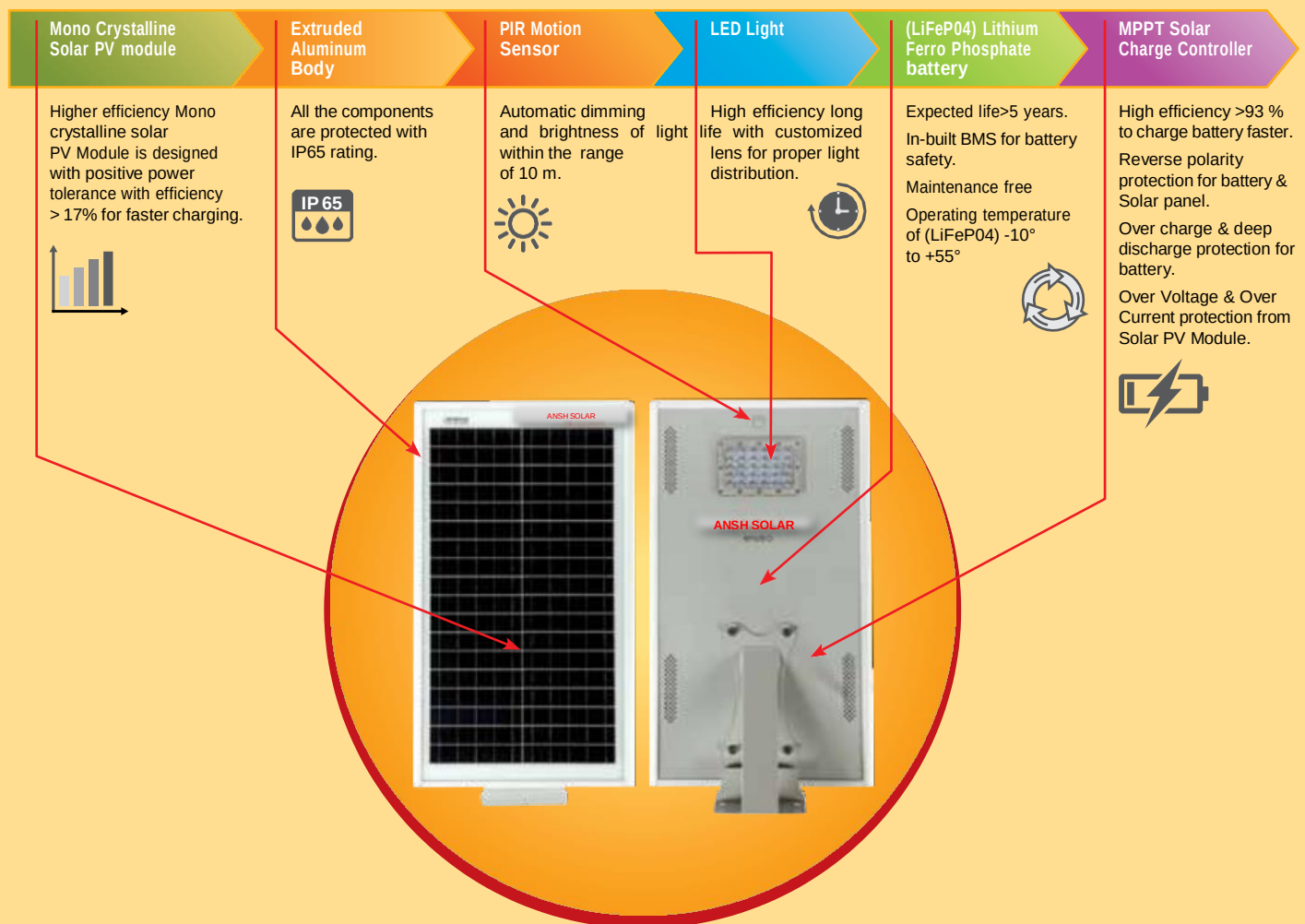
AIO ALL-IN-ONE SOLAR STREET LIGHT.



Introduction

ANSH SOLAR AIO ALL-IN-ONE Solar Street Light is Made in India with High Efficiency Mono Crystalline/ Poly Crystalline Solar PV Module, Lithium Ferro Phosphate battery with in-built BMS technology, High Efficacy LED, MPPT Solar Charge Controller and Aluminium Extruded body. ALL-IN-ONE SSL is specially designed with automatic control the dimming and brightness of light, which increases the backup time.

Product Features



Indications

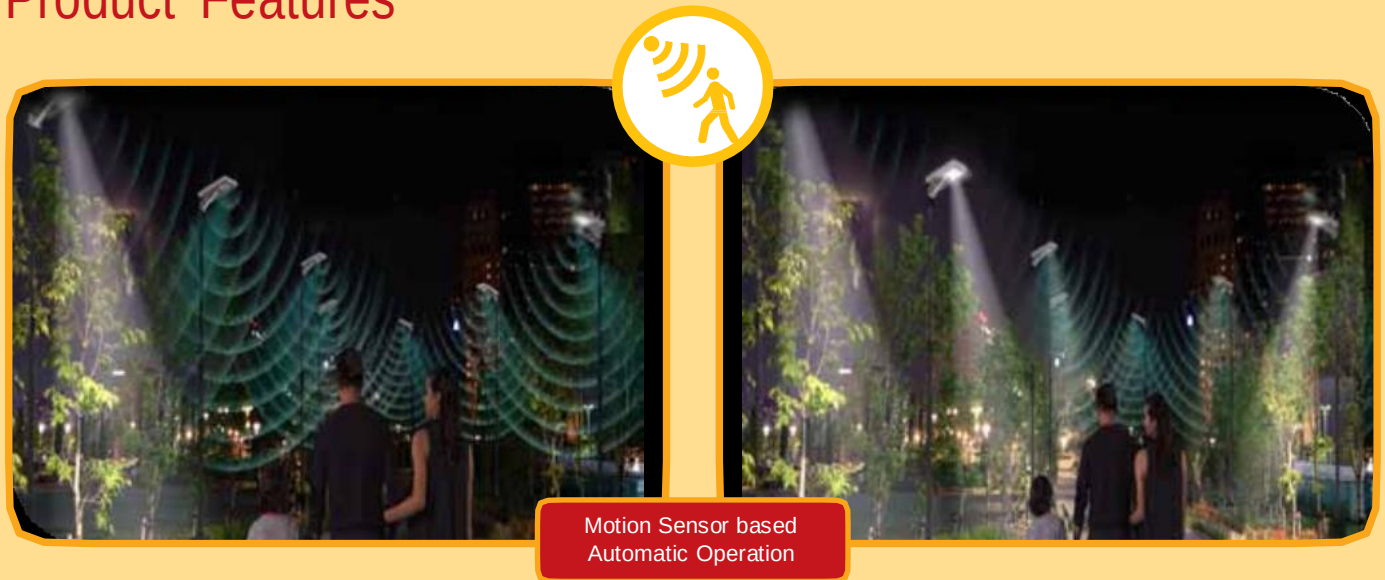


RED LED
for battery Low



GREEN LED
for Solar Charging

Product Features



Product Applications



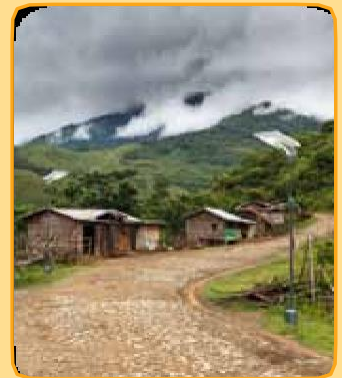
Factory/ Industry



Park



School | College | University



Village Lighting

Advantages

- Lithium Ferro Phosphate (LiFeP04) battery with long life
- Maintenance free system
- Inbuilt BMS (battery management system) for battery safety
- Longer shelf life of battery for storage
- All Components are integrated inside one unit which make it theft retardant system
- Easy to install on the existing pole or on wall
- Easy to transport, Store
- MADE IN INDIA

Product Range



7 W / 9 W / 12 W



15 W / 18 W / 20 W



24 W



30 W

Technical detail

Model No.	LHSTAKU7CBAF 007	LHSTAKU7CBAF 009	LHSTAKU7CBAF 012	LHSTAKU7CBAF 015	LHSTAKU7CBAF 018	LHSTAKU7CBAF 020	LHSTAKU7CBAF 024	LHSTAKU7CBAF 030
Solar panel	20 W	20 W	30 W	40 W	40 W	50 W	60 W	70 W
LED power	7 W	9 W	12 W	15 W	18 W	20 W	24 W	30 W
Battery capacity	10.5 Ah	10.5 Ah	14 Ah	18 Ah	21 Ah	24 Ah	30 Ah	36 Ah
Lumen(lm)	>945 lm	>1150 lm	>1500 lm	>2000 lm	>2300 lm	>2650 lm	>3120 lm	>3800 lm
LED life time	50000 h	50000 h	50000 h	50000 h	50000 h	50000 h	50000 h	50000 h
Viewing angle	120°	120°	120°	120°	120°	120°	120°	120°
Charging time	1 day	1 day	1 day	1 day	1 day	1 day	1 day	1 day
Autonomy	2 days	2 days	2 days	2 days	2 days	2 days	2 days	2 days
CCT(K)	5700 K	5700 K	5700 K	5700 K	5700 K	5700 K	5700 K	5700 K
Mounting height	4 m	4 m	5 m	5 m	5-6 m	5-6 m	5-6 m	5-6 m
Working temp	-10 °C -+55 °C	-10 °C -+ 55 °C	-10 °C -+ 55 °C	-10 °C -+ 55 °C	-10 °C -+ 55 °C	-10 °C -+55 °C	-10 °C -+55 °C	-10 °C -+55 °C
Dimension(mm)	450 x 382 x 55	450 x 382 x 55	656 x 382 x 55	791 x 382 x 55	791 x 382 x 55	1026 x 382 x 55	1230 x 382 x 55	1320 x 382 x 55
Net weight	8.0 kg	8.4 kg	9.0 kg	11.0 kg	11.5 kg	16.5 kg	18.5 kg	19 kg

Precaution for Installation

1. Install AIO Light with Solar PV Module facing South direction
2. Clean the Solar PV module Frequently



ANSH SOLAR

FACTORY: BC-257, SAMARPALLY, KRISHNAPUR, KOLKATA-700102.

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Consumer Care No.: 9330174170

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**ANSH SOLAR****Semi Integrated Solar Street Light**LM 79
LM 80

Model	Light Wattage	Battery (LiFePO4)	*Module
AS-1212-LFP	12Watt	12Ah / 12.8 V	50Wp
AS-1518-LFP	15Watt	18Ah / 12.8 V	75Wp
AS-1818-LFP	18Watt	18Ah / 12.8 V	75Wp
AS-1824-LFP	18Watt	24Ah / 12.8 V	100Wp
AS-2024-LFP	20Watt	24Ah / 12.8 V	100Wp
AS-2424-LFP	24Watt	24Ah / 12.8 V	100Wp
AS-2430-LFP	24Watt	30Ah / 12.8 V	150Wp
AS-3030-LFP	30Watt	30Ah / 12.8 V	150Wp

OPERATION	Full bright mode for 5 Hrs, after that dimming to 40%
DUSK TO DAWN	Available
PROTECTION	Battery deep discharge, Over Charge, Short Circuit, Reverse Current, Reverse Polarity
HOUSING MATERIAL	Pressure Die cast Alluminium Alloy
IP Rating	IP65
CHARGE CONTROLLER TYPE	PWM/MPPT
CHARGE CONTROLLER Efficiency	>90%
MOTION SENSOR	Optional
BATTERY TYPE	LiFePO4
LED INDICATION	Battery Charging, Battery Full, Low Battery
CCT	5500K to 6500K
LUMINOUS FLUX	>120LM
RECOMMENDED HEIGHT OF POLE	5-6 Mtr
RECOMMENDED LUMINARY ARM OD	42 mm

Manufacturing Facility : Ansh Solar, Samarpally, Kestopur, Kolkata - 700102, West Bengal, India

MODEL-AS/LM/SL

INBUILT DC STREET LIGHT EXTRA BRIGHT

FEATURES:

- Inbuilt LiFePo4 Battery
- IP66 Water Resistant Rating
- Lens For Extra Brightness
- MNRE, BIS, ISO Certified



FRONT



REAR



MODEL-AS / INBFL / FL

INBUILT DC FLOOD LIGHT EXTRA BRIGHT

FEATURES:

- Lens for Extra Brightness
- Inbuilt LIFEPO4 Battery
- IP 66 Rating



MODEL-AS / GM / SL

INBUILT DC STREET LIGHT EXTRA BRIGHT

FEATURES:

- Inbuilt LiFePo4 Battery
- IP66 Water Resistant Rating
- Lens For Extra Brightness
- MNRE, BIS, ISO Certified



FRONT



REAR





An Unit of Soltech Energies
PVT.LTD



FLOOD LIGHT EXTRA BRIGHT

BC-257, Samarpally,
Krishnapur,
Kolkata-700102

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Products



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ANSH SOLAR
An Unit of Soltech Energies
PVT.LTD



DC:LED Street Light

Available in

**30W, 40W, 45W, 50W,
60W**

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Kolkata-700102**

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ANSH SOLAR
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POWERFUL • RELIABLE • SUSTAINABLE



VOLTAGE RANGE
12.8V - 25.6V



CAPACITY RANGE
06AH - 200AH



CYCLE LIFE
**3000+
CYCLES**



BMS PROTECTION
**SAFE &
SMART**



AVAILABLE RANGE



12.8V
06AH - 200 AH



25.6V
12AH - 200 AH



51.2V
100AH & 200 AH

APPLICATION



SOLAR SYSTEMS



E-BIKE &
E-RICKSHAW



INVERTERS & UPS



ESS &
ENERGY STORAGE



INDUSTRIAL &
AUTOMATION



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