



HAVELLS

enviro
HARNESSING LIGHT. HARVESTING ENERGY.

ALL-IN-ONE
SOLAR
STREETLIGHT





Product Range



7 W / 9 W / 12 W

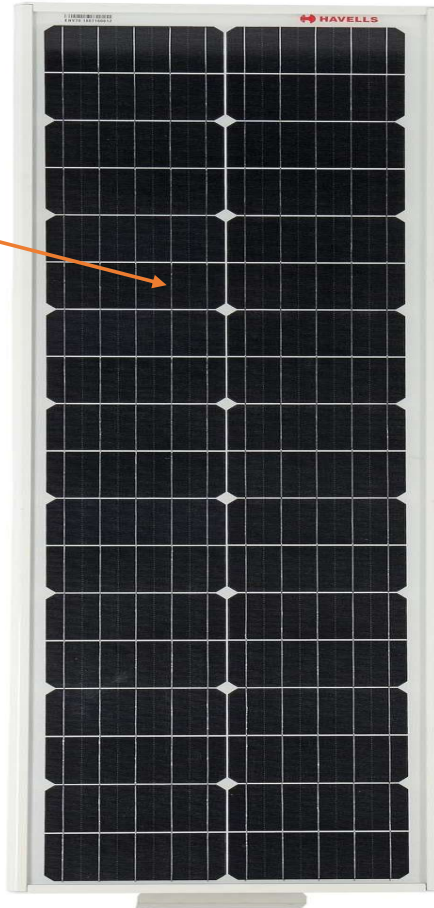
15 W / 18 W / 20 W

24 W

30 W

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Mono Crystalline
Solar PV module



PIR Motion Sensor

LED Light

Maintenance free
Lithium Ferro
Phosphate battery

MPPT Solar
Charge Controller

Extruded
Aluminium housing



- ❑ Mono Crystalline Solar PV Module
- ❑ Higher efficiency > 17% for faster charging
- ❑ Anti Reflective Glass Coating
- ❑ Solar Panel – Made in India
- ❑ MPPT Solar Charge Controller(SCC) for high performance
- ❑ Automatic dusk to dawn operation



- ❑ High grade Lithium Ferro Phosphate battery LiFep04
- ❑ BIS Approved Cells
- ❑ Inbuilt BMS for Battery Safety & Enhanced battery life.
- ❑ Operating temperature -20 Degree to + 55 Degree
- ❑ Designed for 2000 life cycle : > 5yrs life
- ❑ Faster Charging
- ❑ Maintenance free

- ❑ Higher System Lumen Output > 125 Lumen / Watt
- ❑ LED life Span > 50000 hrs.
- ❑ Customized Lens for achieving light distribution as per standard
- ❑ PIR Motion Sensor for Automatic brightening & dimming
- ❑ Aluminum Extruded alloy fixture – corrosion proof
- ❑ IP 65 protection for Internal Components











Advantages over standard solar streetlight



Description	Standard Solar Street light system	ALL-IN-ONE Solar Street Light
Battery Shelf Life	3 Months	6 Months
No of Components	10 nos	1 nos
Wiring required	Yes	NO
Wall mounting	No	Yes
Installation on existing pole	No	Yes
Safety of battery	Acid leakage & damage during transportation	Safe & Easy to transport
Transportation cost	Approx. 120 kg per system.	Approx. 8-20 kg
Installation	Approx. Rs.3500 per system	Easy and faster installation, Approx. Rs1000 per system
Maintenance Cost	For 5 years – approx. 10 K (considering 2 K per year with 1 visit quarterly)	Maintenance free battery

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- ❑ 20 % Higher Capacity Mono Solar PV Module as compared to competitions
- ❑ Bigger LiFeP04 Battery for longer duration
- ❑ BMS for battery safety
- ❑ Customized Optical Lens for Light distribution
- ❑ Specially designed for Indian climatic conditions
- ❑ Maintenance free system with 5-6 years life
- ❑ Theft Retardant system
- ❑ Easy to Store, Install, Dismount & Transport
- ❑ MADE IN INDIA



ALL-IN-ONE Technical Specification



Model No.	LHSTAKU7CBAF007	LHSTAKU7CBAF009	LHSTAKU7CBAF012	LHSTAKU7CBAF015	LHSTAKU7CBAF018	LHSTAKU7CBAF020	LHSTAKU7CBAF024	LHSTAKU7CBAF030
Solar panel	20 W	20 W	30 W	40 W	40 W	50 W	60 W	70 W
LED power	7W	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)	>945lm	>1150lm	>1500lm	>2000lm	>2300lm	>2650lm	>3120lm	>3800lm
LED life time	50000hrs	50000hrs	50000hrs	50000hrs	50000hrs	50000hrs	50000hrs	50000hrs
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)	5700K	5700K	5700K	5700K	5700K	5700K	5700K	5700K
Mounting height	4m	4m	5m	5m	5-6m	5-6m	5-6m	5-6m
Working temp.	-10-+55C	-10-+55C	-10-+55C	-10-+55C	-10-+55C	-10-+55C	-10-+55C	-10-+55C
Dimension(m m)	450*382*55	450*382*55	656*382*55`	791*382*55	791*382*55	1026*382*55	1230*382*55	1320*382*55
Net weight	8.0KG	8.4KG	9.0KG	11.0Kg	11.5 Kg	16.5 Kg	18.5 Kg	19 Kg

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ALL-IN-ONE Solar Street light Range



Sr. No.	FG Code	System Voltage	Luminaire Wattage	Lumen/watt	Solar Charge Controller	Solar PV Module (Wp)	Battery (Ah) - Lifep04	Backup	List Price
1	LHSTAKU7CBAF007	12	7 W	>125	MPPT	20 W	12.8 V 10.5 Ah	2 days	25,700.00
2	LHSTAKU7CBAF009	12	9 W	>125	MPPT	20 W	12.8 V 10.5 Ah	2 days	27,500.00
3	LHSTAKU7CBAF012	12	12 W	>125	MPPT	30 W	12.8 V 14 Ah	2 days	29,500.00
4	LHSTAKU7CBAF015	12	15 W	>125	MPPT	40 W	12.8 V 18 Ah	2 days	35,700.00
5	LHSTAKU7CBAF018	12	18 W	>125	MPPT	40 W	12.8 V 21 Ah	2 days	43,000.00
6	LHSTAKU7CBAF020	12	20 W	>125	MPPT	50 W	12.8 V 24 ah	2 days	45,800.00
7	LHSTAKU7CBAF024	12	24 W	>125	MPPT	60 W	12.8 V 30 ah	2 days	53,100.00
8	LHSTAKU7CBAF030	12	30 W	>125	MPPT	70 W	12.8 V 36 Ah	2 days	62,500.00

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ALL-IN-ONE Solar Street light – T&C



Terms & Condition

1. Standard discount: 40 % on the List Price
2. Taxes : - Extra. GST @ 5%
3. Transportation : Included in price. Delivery to any one location within city limits
4. Warranty :- Two years against manufacturing defects from the date of supply. Warranty offered is off-site warranty.
5. Installation and commissioning: In customer scope. The Installation shall be done as per Havells guidelines and any deviation shall make the warranty void.
6. Delivery period :- 3-4 weeks from date of Confirmed PO.
7. Payment Terms : 100 % Advance along with PO
8. Poles – Not included in this offer. Shall be offered considered separately



Contact Us

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