

# All in One Solar Street Light **Economical** Model with ABS Body

- Solar Street light Luminary with Inbuilt Motion Sensor, Inbuilt Li-Ion Battery & Inbuilt Solar Panel.

ENTRIX Introduced new revolutionary products All in One Solar Street Light / Integrated solar street light



- >> Elimination of battery box & additional wires
- >> Easy Installation
- >> No need of external wire for installation
- >> Easy maintenance
- >> No need specialized electrician for installation
- >> Dusk to Dawn Features
- >> Dimming features with motion sensor
- >> Light weight ABS Body , easy to carry

Part Code	Light Wattage	Solar Panel	Battery	Back Up Hours
ENSSL-MBP-12W/8AH/7W	12W	6V@7W	8Ah	>12 Hr
ENSSL-MBP-20W/12AH/10W	20W	9V@10W	12Ah	>12 Hr
ENSSL-MBP-30W/14AH/15W	30W	9V@15W	14Ah	>12 Hr

## Technical Specification for All In One Solar Street Light **Economical** Model

Description	12W LED	20W LED	30W LED
<b>Battery Capacity Li-Ion</b>	3.2V/8Ah	6.4V/12Ah	6.4V/14Ah
<b>Solar Panel - Poly Crystalline</b>	6V@7W	9V@10W	9V@15W
<b>Lumen Output / Watt</b>	110 Lumen	110 Lumen	110 Lumen
<b>LED Driver Efficiency</b>	>90%	>90%	>90%
<b>No. Of Led</b>	0.5W, 20	0.5W, 40	0.5W, 60
<b>Led Make</b>	Epistar	Epistar	Epistar
<b>Space Between Light Poles</b>	10m - 15m	10m - 15m	10m - 20m
<b>Battery Warranty</b>	1 Years	1 Years	1 Years
<b>Product Warranty</b>	2 Years	2 Years	2 Years
<b>Light Backup Time</b>	Full Night	Full Night	Full Night
<b>Over Charge Protection</b>	Yes	Yes	Yes
<b>Battery Deep Discharge Protection</b>	Yes	Yes	Yes
<b>Motion Sensor</b>	Yes	Yes	Yes
<b>Motion Sensor</b>	Yes	Yes	Yes
<b>Operation</b>	Solar Street Light uses a PIR motion sensor adjust the led brightness intelligently on detecting any movement in 7m radius around the light. The led glows at full brightness if movement is detected, If no movement is detected more than 1 minute then brightness is reduced to half.		



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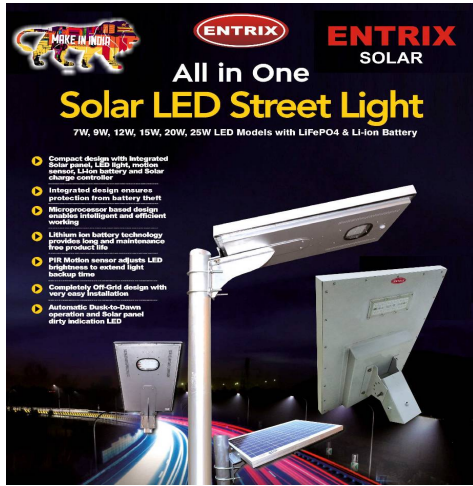
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# All in One Solar Street Light Premium Model with Metal Sheet Body

➤ Solar Street light Luminary with Inbuilt Motion Sensor, Inbuilt Li-Ion Battery & Inbuilt Solar Panel.



- >> Compact design with integrated solar panel, Led Light, motion sensor, Li-Ion battery & solar charge controller.
- >> Integrated battery design ensures protection from battery theft.
- >> Microprocessor based design enables intelligent and efficient working.
- >> Li-Ion battery provides long & maintenance free product life.
- >> PIR Motion sensor adjusts LED brightness to extend light back up time.
- >> completely Off – grid design with very easy installation
- >> Automatic Dusk to Dawn operation.

Part Code	Light Wattage	Solar Panel	Battery	Back Up Hours	Over Voltage Cut Off	Lower Voltage Cut Off
ENSSL-MBPM-6W/8AH/25W	6W	25W	8Ah	>12 Hr	12.5V	9.0V
ENSSL-MBPM-9W/8AH/25W	9W	25W	8Ah	>12 Hr	12.5V	9.0V
ENSSL-MBPM-12W/8AH/25W	12W	25W	8Ah	>12 Hr	12.5V	9.0V
ENSSL-MBPM-15W/8AH/25W	15W	25W	8Ah	>12 Hr	12.5V	9.0V
ENSSL-MBPM-18W/8AH/25W	18W	25W	8Ah	10 Hr	12.5V	9.0V
ENSSL-MBPM-24W/12AH/40W	20W	40W	12Ah	>12 Hr	12.5V	9.0V
ENSSL-MBPM-30W/16AH/40W	30W	40W	16Ah	>12 Hr	12.5V	9.0V
ENSSL-MBPM-40W/20AH/50W	40W	50W	16Ah	10 Hr	12.5V	9.0V

## Technical Specification for All In One Solar Street Light Premium Model

Description	12W LED	15W LED	18W LED	20W LED	30W LED	40W LED
<b>Battery Capacity Li-Ion</b>	11.1V/8Ah	11.1V/8Ah	11.1V/8Ah	11.1V/12Ah	11.1V/16Ah	11.1V/20Ah
<b>Solar Panel - Poly Crystalline</b>	25 Watt	25 Watt	25 Watt	40 Watt	40 Watt	50 Watt
<b>Lumen Output / Watt</b>	140 Lumen	140 Lumen	140 Lumen	140 Lumen	140 Lumen	140 Lumen
<b>LED Driver Efficiency</b>	>90%	>90%	>90%	>90%	>90%	>90%
<b>Led Light Operating Voltage</b>	11.1V	11.1V	11.1V	11.1V	11.1V	11.1V
<b>Load Cut-off Voltage for Battery</b>						
<b>Deep Discharge protection</b>	9.0V	9.0V	9.0V	9.0V	9.0V	9.0V
<b>Space Between Light Poles</b>	10m - 15m	10m - 15m	10m - 20m	10m - 15m	10m - 15m	10m - 20m
<b>Battery Warranty</b>	1 Years	1 Years	1 Years	1 Years	1 Years	1 Years
<b>Product Warranty</b>	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years
<b>Light Backup Time</b>	Full Night	Full Night	10 Hours	Full Night	Full Night	10 Hours
<b>Over Charge Protection</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Battery Deep Discharge Protection</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Load Open Protection</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Indication on Charging</b>	Green Led Glow	Green Led Glow	Green Led Glow	Green Led Glow	Green Led Glow	Green Led Glow
<b>Indication on Battery Low</b>	Red Led Glow	Red Led Glow	Red Led Glow	Red Led Glow	Red Led Glow	Red Led Glow
<b>Indication on Higher Cut Off</b>	Green LED Blinking	Green LED Blinking	Green LED Blinking	Green LED Blinking	Green LED Blinking	Green LED Blinking
<b>Reverse Current Flow</b>	No Flow of Current	No Flow of Current	No Flow of Current	No Flow of Current	No Flow of Current	No Flow of Current
<b>Temperature Compensation</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Motion Sensor</b>	Yes	Yes	Yes	Yes	Yes	Yes

**Operation**  
Solar Street Light uses a PIR motion sensor adjust the led brightness intelligently on detecting any movement in 7m radius around the light. The led glows at full brightness if movement is detected, If no movement is detected more than 1 minute then brightness is reduced to half.



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