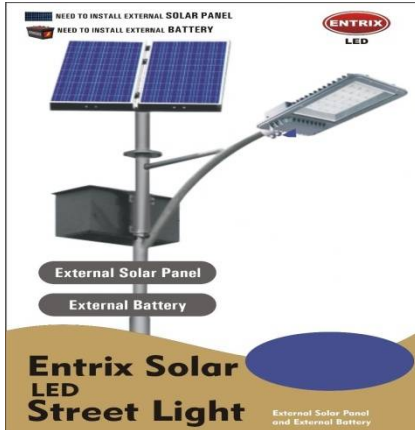


Solar Street Light Regular

- External Solar Street light Luminary.
- External solar panel.
- External battery.



This Solar Street Light has inbuilt PWM charge controller + led driver inside luminary. User has to connect external battery SMF/VRLA/Li-Ion/Tubular for storing energy which generates from sun light. User has to connect external solar panel with ENTRIX luminary for getting charging current for battery generated from sunlight. Inbuilt charge controller inside luminary take care of battery for maximum charging & deep discharging, once battery fully charged it cut the supply for battery & disconnect discharging battery once it discharge 80% DOD of battery.

Part Code	Light Wattage	Solar Panel	Battery	Back Up Hours	Over Voltage Cut Off	Lower Voltage Cut Off
ENSSL-R-6W/8AH/25W	6W	25W	8Ah	>12 Hr	13.5V	10.8V
ENSSL-R-9W/18AH/25W	9W	25W	18Ah	>12 Hr	13.5V	10.8V
ENSSL-R-12W/18AH/25W	12W	25W	18Ah	>12 Hr	13.5V	10.8V
ENSSL-R-15W/26AH/40W	15W	40W	26Ah	>12 Hr	13.5V	10.8V
ENSSL-R-18W/26AH/50W	18W	50W	26Ah	>12 Hr	13.5V	10.8V
ENSSL-R-30W/40AH/100W	30W	100W	40Ah	>12 Hr	13.5V	10.8V
ENSSL-R-50W/65AH/150W	50W	24V@150W	24V@65Ah	>12 Hr	30.5V	21.5V
ENSSL-R-60W/75AH/150W	60W	24V@150W	24V@75Ah	>12 Hr	30.5V	21.5V

Note: - Above Over Voltage cut off & lower Voltage cut off is for SMF battery, it will be changed for Li-Ion & LiFePO4.

Technical Specification for solar led street light Regular						
Description	12W LED	15W LED	18W LED	30W LED	50W LED	60W LED
Battery Capacity SMF/ VRLA	12V/18Ah	12V/26Ah	12V/26Ah	12V/40Ah	24V/65Ah	24V/75Ah
Battery Capacity Li-Ion	11.1V/18Ah	11.1V/26Ah	11.1V/26Ah	11.1V/40Ah	22.2V/65Ah	22.2V/75Ah
Battery Capacity LFEPO4	12.8V/18Ah	12.8V/26Ah	12.8V/26Ah	25.6V/40Ah	25.6V/65Ah	25.6V/75Ah
Solar Panel - Poly Crystalline	25 Watt	40 Watt	50 Watt	100 Watt	24V@150W	24V@150W
Lumen Output / Watt	140 Lumen	140 Lumen	140 Lumen	140 Lumen	140 Lumen	140 Lumen
LED Driver Efficiency	>90%	>90%	>90%	>90%	>90%	>90%
Led Light Operating Voltage	12V	12V	12V	12V	24V	24V
Load Cut-off Voltage for Battery Deep Discharge protection	10.8V	10.8V	10.8V	10.8V	21.5V	21.5V
Space Between Light Poles	10m - 15m	10m - 15m	10m - 20m	10m - 15m	10m - 15m	10m - 20m
Battery Warranty	1 Years	1 Years	1 Years	1 Years	1 Years	1 Years
Product Warranty	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years
Light Backup Time	Full Night	Full Night	Full Night	Full Night	Full Night	Full Night
Over Charge Protection	Yes	Yes	Yes	Yes	Yes	Yes
Battery Deep Discharge Protection	Yes	Yes	Yes	Yes	Yes	Yes
Load Open Protection	Yes	Yes	Yes	Yes	Yes	Yes
Indication on Charging	Green Led Glow	Green Led Glow	Green Led Glow	Green Led Glow	Green Led Glow	Green Led Glow
Indication on Battery Low	Red Led Glow	Red Led Glow	Red Led Glow	Red Led Glow	Red Led Glow	Red Led Glow
Indication on Higher Cut Off	Green LED Blinking	Green LED Blinking	Green LED Blinking	Green LED Blinking	Green LED Blinking	Green LED Blinking
Reverse Current Flow	No Flow of Current	No Flow of Current	No Flow of Current	No Flow of Current	No Flow of Current	No Flow of Current
Temperature Compensation	Yes	Yes	Yes	Yes	Yes	Yes



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