

Solar Street Light Product Brochure – 20W



Description:

Semi Integrated Solar Street Light Diecast is MADE IN INDIA with High Efficiency Poly/Mono Crystalline Solar PV Module, Lithium Ferro Phosphate battery with Inbuilt BMS technology, High Efficacy LED, MPPT Solar Charge Controller & Aluminium body. Semi Integrated is specially designed by Progressive Intelligent Dimming which automatically control the dimming and brightness of light, which increase the backup time.

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Technical Specification:

Model Number	EBSSL-20W
Luminaire Wattage	20W
Solar PV Module	12V 75 W – Mono - Crystalline
Battery (LiFeP04) with BMS	12.8V 36Ah
Back up	2.5 days Minimum
Solar Charge Controller	MPPT
Solar Charge Controller Capacity	12V, 10 A
Efficiency	> 95 %
LED Make	OSRAM
LED viewing angle	120°
Color Temperature	>5700 K
Luminous Efficacy	> 125 lumen / watt
Lumen Output	> 1500 lumens
Life Span	> 50000 hours
Driver	In Built DC- DC type
Body	Die Cast
Dust and Water protection	IP 65 Standards
Low-Voltage indication	Red LED
Charging indication	Green LED
Other protections	a. Over-Charge protection b. deep-discharge protection c. Over current protection d. Short circuit protection e. Over voltage protection
Dusk to dawn operation	Provided
Mounting Height	5M/6M
Humidity range	0 to 95 % (non-condensing)
Temperature range	-10 to +55 °C