

# MG POWER



## FEATURES OF LED STREET LIGHTING FIXTURE

- High efficiency electronic circuitry
- Very low self-consumption
- 100% short circuit protection
- Surge/lighting protected
- Perfect design, Easy Installation
- PWM MOSFET based solar charge controller for efficient battery charging
- Automatic dawn dusk operation (with timer-optional)
- Automatic dawn dusk operation (dim light with timer-optional)
- Highly Economic and reliable
- Temperature Compensated Battery charging
- Approved by Ministry of New & Renewable Energy Sources, Govt. of India
- "Fit and Forget" device

## KEY FEATURES

- Excellent for remote villages
- Low maintenance
- One time installation
- High reliability and durability
- More intensity of light

## TECHNICAL DATA

LUMINARY TYPE	LSSL006		LSSL0012
Output Light Intensity	8 -10Lux @ 12Ft		16-20 Lux @ 12Ft
Nominal Power	8W		16Watt
Efficiency	>76%		>78%
No of Led's	06LED		12LED (1Watt)
LED's Power	1Watt		1Watt
LED's make	Oshram Multichip		
SPV Modules	40Watt		75Watt
Max Module Current	3Amp		5Amp
Nominal Battery Voltage	12Vol		
Battery	40AH Tubular		75AH Tubular
Charging Method	CC-CV(boost)/ CV(Float)		
Display Indications	LED (Low Battery, Charging)		
Battery Connection	4 meter long 1.5 mm Sq copper wire with lugs provided		
Indication	Battery Charging, Battery Low, Battery Overcharge		
SPV Connection	2.5 meter 1.5 Sq mm two core copper wire fitted with Lugs		
Pole	15Ft (4.5meter)		
Installation	Pole / Wall Mounting		
Luminary Dimension	290 X 145 X 190mm		
Battery Box	MS Sheet box with non weatherproof power coating		
Luminary Degree of Protection	IP 65		
Cooling	Natural air cooled		
Ambient Temperature	-20°C to +50°C		



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