

SOLAR STREET LIGHTING LUMINARY

SSLL-01



SSLL-01 can be used for the street lighting applications using solar energy. The SPV module and the battery can be directly connect to this lighting luminary with necessary mechanical structures. The Solar streetlighting luminary is available with or without charge controller. Automatic dusk to dawn operation as well as timer controlled automatic operation are offered in different models. The mechanical design is best suited for out door application. Highly reliable electronic circuit realised with good quality electronic components ensure trouble free operation and long life to the CF lamp.

FEATURES

- Fitted with compact fluorescent lamp (CFL)
- Elegant and robust design suitable for out-door use
- Built-in high frequency inverter and charge controller
- Light diffuser made of UV stabilised, non-yellowing acrylic
- Anodised aluminium reflector
- Insect entry protected
- Directly compatible for solar street lighting systems
- Excellent light distribution

TECHNICAL SPECIFICATIONS

	SSLL-01 (Model-1)	SSLL-01 (Model-2)	SSLL-01 (Model-3)
General			
Application	Solar street lighting, outdoor		
Operation	Manual	DTDC Automatic	Preset Timer
Lamp type	Compact Fluorescent Lamp, 4 Pin, Single U		
Lamp wattage	11W		
Electrical			
Inverter			
Rated working voltage	12V DC		
Working voltage range	10.5 to 14V DC		
Inverter type	Quasi Sine wave, Free running, 24-28 kHz		

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Charge Controller			
Charge controller	No charge controller	6A charge controller	6A charge controller
Charge controller type	NA	Series pulsed two step	
Charging current (Solar)	NA	6A Max	
Solar Module Size (Max)	NA	90Wp	
Indications	NA	Charging and low battery	
Protections	NA	Module reverse current, overcharge, deep discharge, reverse polarity, overload	
Mechanical			
Fixing	Pole mounting with mounting bracket		
Connecting cables			
Module cable	NA	2.5 mm ² with fork terminals	
Battery to luminary cable	2.5 mm ² cable with ring and fork terminals		
Sensing cable	NA	0.5 mm ² with ring & fork terminals	
Canopy (Case)	Injection moulded engineering plastic weather, water and insect proof		
Bowl (Light diffuser)	UV stabilised, non yellowing acrylic		
Reflector	Highly reflective anodised aluminium		
Size (Shipping)	420x195x110		
Weight (Shipping)	2.28 Kg		

Note: Specifications subject to change without notice. Check for latest update

ORDERING INFORMATION

Model	Name	Lamp	Description
SSL-11121A	SSLL-01 (Model 1)	CFL 11W	Without charge controller
SSL-11122A	SSLL-01 (Model 2)	CFL 11W	With charge controller (DTDC operation)
SSL-11122B	SSLL-01 (Model 3)	CFL 11W	With charge controller (Preset timer operation)