

Switch over to Green Energy

the road to eco-friendly solution



KEY FEATURES

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

LED STREET LIGHT FIXTURE

- High efficiency electronic circuitry
- Surge/lighting protected
- Perfect design, Easy Installation
- PWM MOSFET based solar charge controller for efficient battery charging
- Automatic dusk to dawn operation
- Highly economic and reliable
- "Fit and Forget" device



Renewable Energy Systems



General			
Application/Use	Solar Power Lighting : Outdoor		
No of Led's	6 LED	9 LED	12 LED
Lamp Type	High Efficiency and Long Life White LEDS,Pure White		
Rated Lamp Wattage	6W	9W	12W
LED Lumens	600 Lumens	900 Lumens	1200 Lumens
Duty cycle	12 Hrs (DTDC)		
Luminary Degree Of Protection	IP 65		
Cooling	Natural Air Cooled		
Ambient Temp	-20° C To + 50° C		
Number of day of Autonomy	2/3 Days		
System Voltage	12V DC		
Efficiency	>75%		
Solar PV Module			
Module Type	Mono/Poly crystalline silicon		
Module Power	24Wp	36Wp	48Wp
Battery			
Type	VRLA (SMF Lead Acid)		
Battery Capacity	26Ah (VRLA)	42Ah (VRLA)	65Ah (VRLA)
Low Cut Off Battery	10.8V		
Reconnect Of Battery To Load After Charging	11.5V		
Solar Charge Controller (Built in)			
Charge controller Type	Series Pulsed, Two Step		
Display Indications			
Charger Indicator	Green Led		
Low Battery Indicator	Red Led		
Battery Enclosure			
Fixing	Pole mounting		
Material & Finish	MS cold Rolled Sheet, Powder coated		
Module Mounting Structure			
Mounting Type	Pole mounting		
Material & Finish	MS cold Rolled Sheet, Powder coated		
Pole			
Length	5 meter		
Material & Finish	Mild Steel,Galvanized		

(Also Available In Customised Design)