



# SEMI-INTEGRATED SOLAR LED STREET LIGHT



Semi integrated Solar LED Street light gives you theft proof solution for outdoor lighting applications.

## NES-LIFE-18





General Information	
Power	18W
Net Power Consumption	18±10%W
Solar Panel	12V 50W (recommended)
Driver Efficiency	>85%
LED Luminous Efficacy	≥145 lm/W
CRI	>70
Color Temperature	2700-6500K
Dimension	407x145x140mm
Pipe ID	54mm
Mounting Height	4MTR (recommended)

Certifications	
Ingress protection code	IP66
Impact Protection	IK08

## Features

- Inbuilt LiFePO4 battery with 16-18H autonomy
- Intelligent dimming
- Automatic Dusk to Down
- Battery over charging protection
- Low Battery protection
- Inbuilt MPPT/PWM charge controller
- Battery level indicator
- Single piece MCPCB with thermal pad
- High pressure aluminum die cast body
- OSRAM/Bridgelux LED

## Connections

-  Solar panel positive
-  Solar Panel negative
-  Connect to Black wire
-  Connect to Red wire



Working Life > 50000 hours



## Applications

As Solar street light has inbuilt lithium battery, it does not require external power. So this light can be used for far locations where electricity not available

- Roads and Highways
- Garden, Parks
- Building parking area
- Security Lighting
- Airport runway
- Border area lighting
- Hilly area lighting