

Ruralite

Split Solar Street Light

Nighthawk TSL-SPNW

Overview

Nighthawk series split solar street light can effectively solve the weakness of insufficient power supply due to solar panel size limit from traditional AIO solar street light. With independent feasible panel bracket and come with smart MPPT solar controller. It adopts leading-edge EMS technology, which enable the battery to sustain 7 rainy days back up.

Application

Nighthawk is a simplest solar street light solution to apply for courtyard, factory, school, garden, park, farm & resort and other illumination purpose.



Remote Setting



PIR Motion Sensor



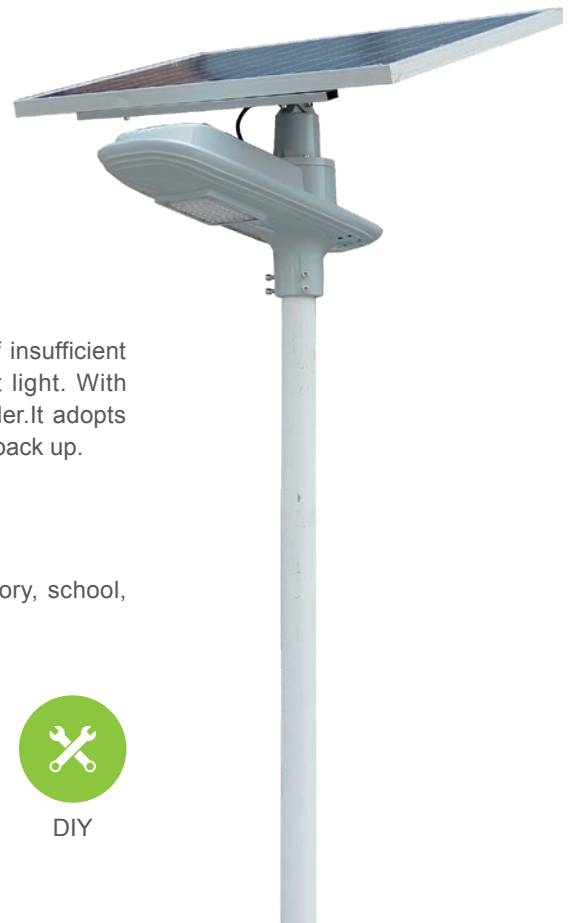
MC4 Plug In Connection



Li Battery Ecofriendly



DIY



Features & benefits

● INTEGRATED DESIGN & STRUCTURE

Battery, controller and PIR sensor are integrated into one fitting. It enables easy installation and maintenance.

● PIR MOTON SENSOR DETECTION

Built-in passive infrared motion sensor detection function that automatically regulates the light power output from full brightness (100%) to dim mode (30%) to upgrade battery autonomy.

● ADJUSTABLE MOUNTING BRACKET

Adjustable mounting bracket helps the solar panel positioned a best mounting angle to fully absorb sunshine in different areas.

● 360° ROTATION DIRECTION

The LED light can be positioned any optional direction as requested by end user.

● INDEPENDENT SOLAR PANEL

Solar panel is separated from light allows to enlarge the panel power for enduring lights working hours as customer request.

● QUICK & SIMPLY CONNECTION

Prewired MC4 male and female plugs connect from LED light to solar panel.

Unscrew the lamp back cover and take out the battery for simply replacement.

Technical Specification

Model	TSL-SPNW-15	TSL-SPNW-20	TSL-SPNW-30
Power 15W	20W	30W	60W
LED chip	Philips Lumileds 3030, ≥ 50,000 hours		
Luminous Flux si800Lm	≥ 2400Lm	≥ 3600Lm	≥ 7200Lm
CCT	5000K/6000K		
Bean angle	75° x150°		
Battery	Li-on battery 18650		
Capacity i6Ah/n.lv	20Ah/11.1V	30Ah/11.1V	65Ah/12V
Lifespan	more than 500 cycles, 3 years warranty		
Working time	over 30 hours at smart & dim mode		
PV module	Monocrystalline, 10 years warranty		
PV power 50Wp/i8V	60Wp/18V	80Wp/18V	120Wp/18V
Lifespan	25 years warranty		
Working Temperature	-20°C ~+60°C		
Height of pole	5-6m	6-7m	7-8m
Distance of pole	15-25m		
O.D.of Top pole	< 60mm		