



40W

ALL-IN-ONE SOLAR LED STREET LIGHT SPECIFICATION



INTRODUCTION

The All-in-One solar LED street light is the newest technology for solar street lights. With its all-in-one design, its solar panel, LED lamp, lithium battery and charging controller are all integrated into one single body. With this new technology, there is no need for cables or any digging of underground spaces to store its battery. Installation can also be done very quickly. Additionally, this solar LED street light is comprised of the latest intelligent lighting system. The lamp works automatically based on day and night. It has three settings including a motion sensor, time schedule and internet control, to meet different requirements. There will be no need for unnecessary settings after installation. Compared to traditional solar street lights, it is much easier to install and transport, with a longer lifespan than lead-acid batteries and is also cheaper to maintain.



PRODUCT STRUCTURE



40W ALL-IN-ONE SOLAR STREET LIGHT SPECIFICATION

PRODUCT PICTURE



Front



Back

DATA SHEET

LIGHTING

Efficiency	200-240LM/W
LED Chip	Philips 3030 (certified per IESNA LM-80 TM-21)
CCT	3000-6000K
Life span	50 000 hours (12 years)
Max power	40W
Nominal power	20W
Typical Luminous Flux	4000-4800LM
Beam angle	80°x150°
Working way	Motion Sensor/Time Schedule

PHOTOVOLTAIC PANEL

Technology	Mono-crystalline photovoltaic panels
Power of PV Module	50Wp
Lifespan	25 years

BATTERY

Technology	LiFePO4(Lithium Iron Phosphate)
Lithium Battery	231WH
Autonomy	3 - 5 Rainy days
Lifespan	12 years

CHARGING CONTROLLER

Technology	MPPT(Maximum Power Point Tracking)
Lifespan	12 years

GENERAL

Dimensions	827*407*150MM
Weight	11.4KG
IP	IP66
Working Temperature	-20°C ~ +60°C
Recommended Installation Height	4-6M
Recommended Installation Distance	15-20M
Recommended Diameter of Top mounting	55-60MM

LUX DATA

