

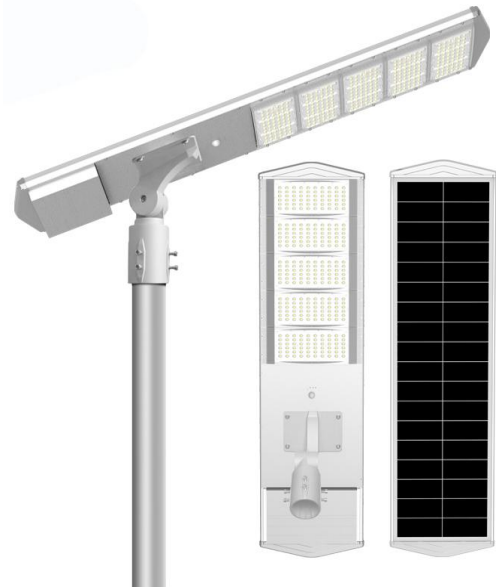
Overview

A new revolutionary product combining solar and LED technology. The best solution for all the areas that don't have electricity supply, remote places with no good communications, and all the areas with insufficient electricity supply but with good climatology.

The system charges the battery during the day and illuminating at night. The utilization of LED technology enables it to

Standard Color Options

Silver



Product Standards

Luxman MY series integrated solar street light is designed and produced under EN-60598-1, EN-60598-2-3 standards, which meet the electromagnetic compatibility of standards of EN55015: 2013, EN61547: 2009, EN61000-3-2: 2006 + A1: 2009 + A2: 2009; EN61000-3-3: 2013 and ROHS2.0 .

Unique, modular & compact shape design, each modular connected by waterproof connectors. Simple and easy

Solar Panel

High quality and high efficiency polycrystalline silicon solar panels, with 3.2mm low iron ultra-white tempered glass, photoelectric conversion rate comes to 19% -20%, which is good for battery stability.

Batteries

Using lithium iron phosphate battery (LFP battery) pack, high temperature resistance of -20-+50 degree Celsius, long life up to 2000 times life cycle.

Providing multi-protection of over-discharge, overheating protection, battery reverse protection, open circuit protection, and protected by the intelligent controller.

Compliance with EN62133 standard and passed the MSDS, 1.2M drop test, and other transportation test.

Controller

The self-designed smart controller can adjust the output power according to the change of the day, and the charging efficiency is improved by 16%-30% compared with the common controllers on the market.

With infrared sensor function, the power remains 100% when some movement is detected, on the other hand the power changes to 30% when no movement is detected.

Highlights

LUXMAN the 3rd generation product.

Battery box added with plug in & play design, very convenient to maintain the battery after the service time.

Replaceable LED panel and, PIR sensor design, easy and simple to maintain

New designed smart controller makes the lamp with 40% longer backup nights than other products

UPF-LD40W-MY



Lithium Battery

PIR Sensor/Time Control

UPF-LD60W-MY



Lithium Battery

PIR Sensor/Time Control

Electrical Specifications

Model No.	UPF-LD40W-MY
Nominal Wattage	40W
Nominal Voltage	DC12V
Battery	DC12.8V 201WH LiFePO4
Solar Panel	18V 51W Monocrystal
Charging time	7-8H
Discharging time	Support 5-7 raining days
Operating Temperature	-20°C to +50°C
LED Chip	Bridgelux 3030 120pcs

Photometric Specifications

Luminous Flux	4000lm
Luminous Efficiency	100LM/W
CRI	Ra>70
CCT	3000K,4500K,5500K,6500K
Optional Beam Angle	70*140°

Mechanical Specifications

IP Rating	IP66
IK Rating	IK08
Lifetime	50000 hours - L70, @25°C
Heat Radiator	6063-T5 Aluminum Alloy
Lens	PC
Fixture Dimension	L740*W371*H57mm
Mounting base	L240*W210*H160mm
Pole Diameter	60-80MM
Install Height	6-7 Meters

Packing

Carton Dimension	L795*W425*H115mm
Mounting base	L260*W240*H180mm
Net Weight	12.80kg
Gross Weight	14.00kg

Electrical Specifications

Model No.	UPF-LD50W-MY
Nominal Wattage	60W
Nominal Voltage	DC12V
Battery	DC12.8V 302WH LiFePO4
Solar Panel	18V 64W Monocrystal
Charging time	7-8H
Discharging time	Support 5-7 raining days
Operating Temperature	-20°C to +50°C
LED Chip	Bridgelux 3030 180pcs

Photometric Specifications

Luminous Flux	5000lm
Luminous Efficiency	100LM/W
CRI	Ra>70
CCT	3000K,4500K,5500K,6500K
Optional Beam Angle	70*140°

Mechanical Specifications

IP Rating	IP66
IK Rating	IK08
Lifetime	50000 hours - L70, @25°C
Heat Radiator	6063-T5 Aluminum Alloy
Lens	PC
Fixture Dimension	L881*W371*H57mm
Mounting base	L240*W210*H160mm
Pole Diameter	60-80MM
Install Height	7-8 Meters

Packing

Carton Dimension	L1025*W425*H115mm
Mounting base	L260*W240*H180mm
Net Weight	14.50kg
Gross Weight	16.00kg

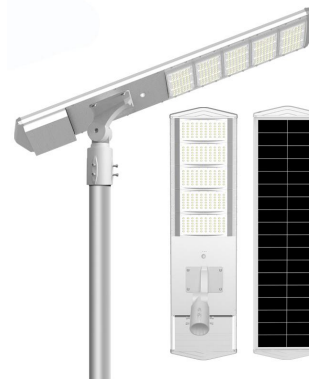
UPF-LD80W-MY



Lithium Battery

PIR Sensor/Time Control

UPF-LD100W-MY



Lithium Battery

PIR Sensor/Time Control

Electrical Specifications

Model No.	UPF-LD80W-MY
Nominal Wattage	80W
Nominal Voltage	DC12V
Battery	DC12.8V 403WH LiFePO4
Solar Panel	18V 85W Monocrystal
Charging time	7-8H
Discharging time	Support 5-7 raining days
Operating Temperature	"-20°C to +50°C
LED Chip	Bridgelux 3030 240pcs

Photometric Specifications

Luminous Flux	8000lm
Luminous Efficiency	100LM/W
CRI	Ra>70
CCT	3000K,4500K,5500K,6500K
Optional Beam Angle	70*140°

Mechanical Specifications

IP Rating	IP66
IK Rating	IK08
Lifetime	50000 hours - L70, @25°C
Heat Radiator	6063-T5 Aluminum Alloy
Lens	PC
Fixture Dimension	L1116*W371*H57mm
Mounting base	L240*W210*H160mm
Pole Diameter	60-80MM
Install Height	8-9 Meters

Packing

Carton Dimension	L1260*W425*H115mm
Mounting base	L260*W240*H180mm
Net Weight	14.10kg
Gross Weight	17.50kg

Electrical Specifications

Model No.	UPF-LD100W-MY
Nominal Wattage	100W
Nominal Voltage	DC12V
Battery	DC12.8V 502WH LiFePO4
Solar Panel	18V 102W Monocrystal
Charging time	7-8H
Discharging time	Support 5-7 raining days
Operating Temperature	"-20°C to +50°C
LED Chip	Bridgelux 3030 300pcs

Photometric Specifications

Luminous Flux	10000lm
Luminous Efficiency	100LM/W
CRI	Ra>70
CCT	3000K,4500K,5500K,6500K
Optional Beam Angle	70*140°

Mechanical Specifications

IP Rating	IP66
IK Rating	IK08
Lifetime	50000 hours - L70, @25°C
Heat Radiator	6063-T5 Aluminum Alloy
Lens	PC
Fixture Dimension	L1305*W371*H57mm
Mounting base	L240*W210*H160mm
Pole Diameter	60-80MM
Install Height	9-10 Meters

Packing

Carton Dimension	L1360*W425*H115mm
Mounting base	L260*W240*H180mm
Net Weight	15.40kg
Gross Weight	18.00kg