



SINOLTECH ENERGY LIMITED

SHANDONG SINOLTECH INTERNATIONAL CO., LTD



SINOLTECH

INTEGRITY . HIGH BRIGHTNESS . EASY-INSTALL

I-CLOUD ALL-IN-ONE SOLAR LIGHT SERIES

5 - Years Product Warranty

APP REMOTE CONTROL

- Modify specification remotely
- Sub-street light networking
- Available to send voice notification remotely
- Music play remotely
- Video real-time monitoring
- Remote alarm function
- Key alarm on the pole
- Available to check video history record remotely
- Automatically error warning remotely
- GPRS positioning

I-CLOUD ALL IN ONE SOLAR STREET LIGHT

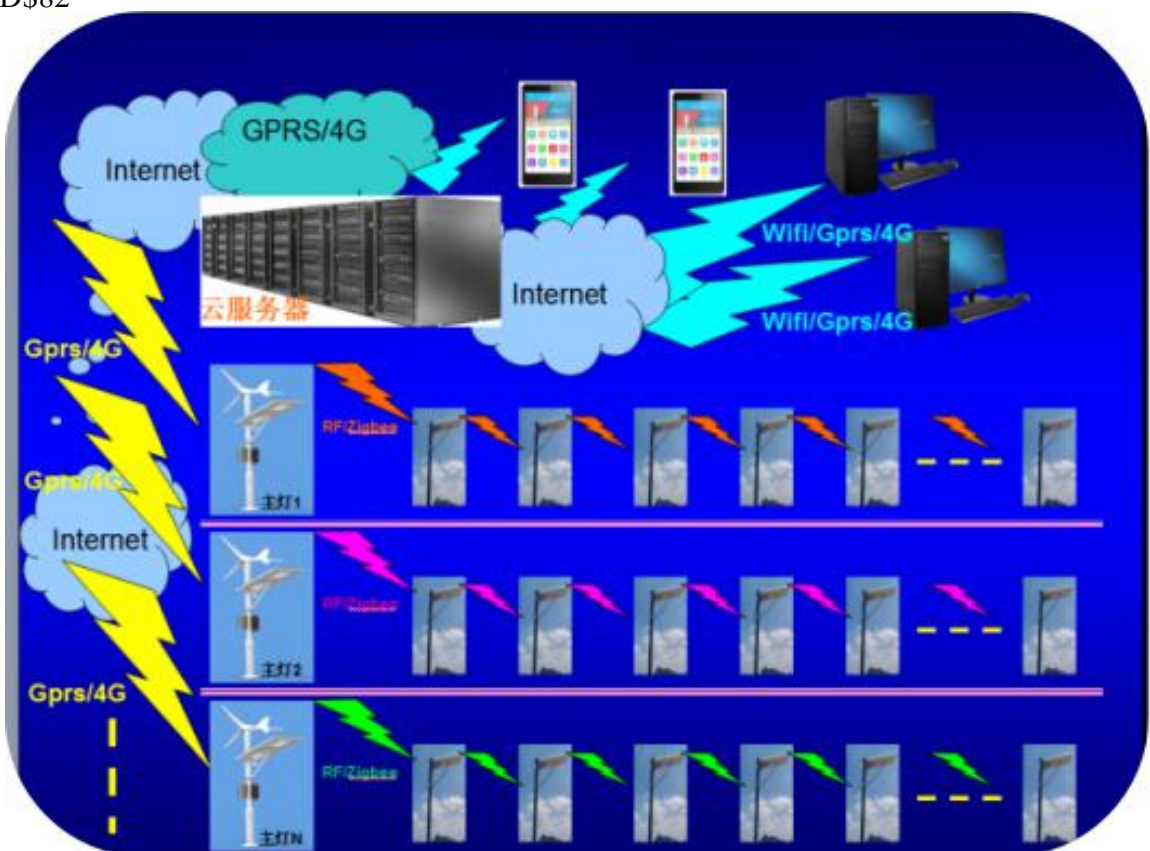
Introduction For Master Lamp:

In-cloud Integrated Solar LED Lights Introduction(master lamp)

1. Remote control lamps over thousand miles
2. Function settings: remotely set lamp brightness for various duration, set light is on/off
3. Default setting: remotely recover default setting
4. Read data: remotely load the solar panel, turbine, battery voltage, power generation, battery temperature, etc.
5. Troubleshoot: remotely check the reasons cause light problem
6. Upload music: can play music remotely, can send voice notification remotel
7. Remote alarm: scene lights alarm and blinking light blinking, to remind surrounding people pay attention
8. Data statistics: can view the street lamp power generation, discharge history
9. Mobile monito: mobile remote monitoring site screen and check historical video
10. Project mode: engineers remote debugging, dedicated for after-sales maintenance

Introduction For Sub-Lamp:

1. Sub-street light system using SINOLTECH standard integrated street lights, add a RS433Mhz wireless communication transponder (around the master street light up to 5 km) "
2. A master lamp max control 200 sub-lights, with same functions as master lamp except audio player and camera
3. Sub-light also available for remote control, only need add a wireless RS433 transmission module, extra cost USD\$82



TECHNICAL DATA SHEET



I-CLOUD ALL IN ONE SOLAR STREET LIGHT

Specification Data Sheet:

30W

SN-W230



Item	Description
LED Rated Power(W)	30W
LED Brand	Bridgelux 45
LED NO.(pcs)	30
Single LED(LM)	140
Lamp Lumens(LM)	3000~3300LM
Turbine(Optional)	Power: 100W
Waterproof Audio (Standard)	Power: 30W
Alarm(Standard)	Blinking RGB
Camera(Standard)	130,0000 pixel
Connect with Sub Lamp (optional)	RS433Mhz module
LED Beam Angle	120°
(LM) Per Watt	110
LED Color Temp.	3000~6000
LED Rated Lifespan(hrs)	50,000
Pole Upper Caliber	60~110mm
Waterproof Grade	IP65
Extreme Ambient Working Temp.	-40~+70 °C
Working Temperature	-30°C~+60°C
Working Humidity	15~90%RH

Material Description:

1. Material: aluminum + solar toughened glass
2. Solar panel:18V 70W(USA Sunpower high efficiency solar cell)
3. LED :12V 30W 3000-3300LM
4. Battery: Lithium 12V 44AH
5. Installation height:6m
6. Working time: light on 12hrs per day, available set fixed time turn off, with mobile app to adjust rainy days from 7-10
7. Working temperature: -30°C~+60°C
- 8.Charging time:5hrs in summer, 8hrs in winter
- 9.Certification:EMC, LVD,ROHS,IP65
- 10.Sensor:PIR+light sensor
11. Suggested pole distance: 30-35 meters

Packing:

- 1.Product size:1210*340*45mm
- 2.Product weight(net weight):17KG
- 3.Packing size:1320*400*200mm
- 4.Contaciner loading:250sets/20',530sets/40'
- 5.Packing size(gross weight):18KG



TECHNICAL DATA SHEET

I-CLOUD ALL IN ONE SOLAR STREET LIGHT

Specification Data Sheet:

60W

SN-W260



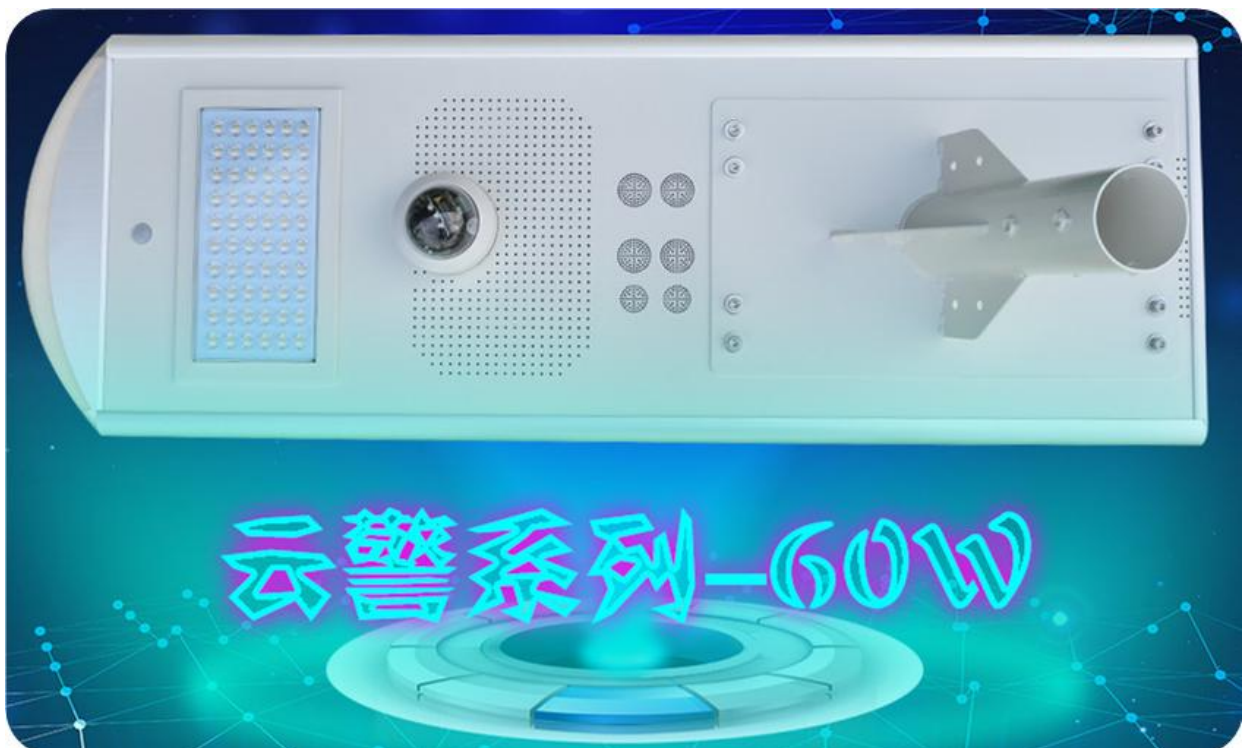
Item	Description
LED Rated Power(W)	60W
LED Brand	Bridgelux 45
LED NO.(pcs)	60
Single LED(LM)	140
Lamp Lumens(LM)	6000~6500LM
Turbine(Optional)	Power: 120W
Waterproof Audio (Standard)	Power: 30W
Alarm(Standard)	Blinking RGB
Camera(Standard)	130,0000 pixel
Connect with Sub Lamp (optional)	RS433Mhz module
LED Beam Angle	120°
(LM) Per Watt	110
LED Color Temp.	3000~6000
LED Rated Lifespan(hrs)	50,000
Pole Upper Caliber	60~110mm
Waterproof Grade	IP65
Extreme Ambient Working Temp.	-40~+70 °C
Working temperature	-30°C~+60°C
Working Humidity	15~90%RH

Material Description:

1. Material: aluminum + solar toughened glass
2. Solar panel:18V 90W(USA Sunpower high efficiency solar cell)
3. LED :12V 60W 6000-6500LM
4. Battery: Lithium 12V 61AH
5. Installation height:7-8m
6. Working time: light on 12hrs per day, available set fixed time turn off, with mobile app to adjust rainy days from 7-10
7. Working temperature: -30°C~+60°C
- 8.Charging time:5hrs in summer, 8hrs in winter
- 9.Certification:EMC, LVD,ROHS,IP65
- 10.Sensor:PIR+light sensor
11. Suggested pole distance: 30-35 meters

Packing:

- 1.Product size:1210*460*45mm
- 2.Product weight(net weight):21KG
- 3.Packing size:1320*510*200mm
- 4.Contaciner loading:270sets/20',450sets/40'
- 5.Packing weight: 24KG



I-CLOUD ALL IN ONE SOLAR STREET LIGHT

Specification Data Sheet:

100W

SN-W2100



Item	Description
LED Rated Power(W)	100W
LED Brand	Bridgelux 45
LED NO.(pcs)	102
Single LED(LM)	140
Lamp Lumens(LM)	10000~11000LM
Turbine(Optional)	Power: 160W
Waterproof Audio (Standard)	Power: 30W
Alarm(Standard)	Blinking RGB
Camera(Standard)	130,0000 pixel
Connect with Sub Lamp (optional)	RS433Mhz module
LED Beam Angle	120°
(LM) Per Watt	110
LED Color Temp.	3000~6000
LED Rated Lifespan(hrs)	50,000
Pole Upper Caliber	60~110mm
Waterproof Grade	IP65
Extreme Ambient Working Temp.	-40~+70 °C
Working temperature	-30°C~+60°C
Working Humidity	15~90%RH

Material Description:

1. Material: aluminum + solar toughened glass
2. Solar panel:18V 130W(USA Sunpower high efficiency solar cell)
3. LED :12V 100W 10000-11000LM
4. Battery: Lithium 12V 77AH
5. Installation height:9-11m
6. Working time: light on 12hrs per day, available set fixed time turn off, with mobile app to adjust rainy days from 7-10
7. Working temperature: -30°C~+60°C
- 8.Charging time:5hrs in summer, 8hrs in winter
- 9.Certification:EMC, LVD,ROHS,IP65
- 10.Sensor:PIR+light sensor
11. Suggested pole distance: 35-40 meters

Packing:

- 1.Product size:1570*460*45mm
- 2.Product weight(net weight):22KG
- 3.Packing size:1650*530*120mm
- 4.Contaciner loading:290sets/20',700sets/40'
- 5.Packing weight: 26KG



I-CLOUD ALL IN ONE SOLAR STREET LIGHT

Specification Data Sheet:

120W



SN-W2120

Item	Description
LED Rated Power(W)	120W
LED Brand	Bridgelux 45
LED NO.(pcs)	102
Single LED(LM)	140
Lamp Lumens(LM)	10000~11000LM
Turbine(Optional)	Power: 200W
Waterproof Audio (Standard)	Power: 30W
Alarm(Standard)	Blinking RGB
Camera(Standard)	130,0000 pixel
Connect with Sub Lamp (optional)	RS433Mhz module
LED Beam Angle	120°
(LM) Per Watt	110
LED Color Temp.	3000~6000
LED Rated Lifespan(hrs)	50,000
Pole Upper Caliber	60~110mm
Waterproof Grade	IP65
Extreme Ambient Working Temp.	-40~+70 °C
Working temperature	-30°C~+60°C
Working Humidity	15~90%RH

Material Description:

1. Material: aluminum + solar toughened glass
2. Solar panel:18V 150W(USA Sunpower high efficiency solar cell)
3. LED :12V 120W 12000-13000LM
4. Battery: Lithium 12V 88AH
5. Installation height:9-12m
6. Working time: light on 12hrs per day, available set fixed time turn off, with mobile app to adjust rainy days from 7-10
7. Working temperature: -30°C~+60°C
- 8.Charging time:5hrs in summer, 8hrs in winter
- 9.Certification:EMC, LVD,ROHS,IP65
- 10.Sensor:PIR+light sensor
11. Suggested pole distance: 35-40 meters

Packing:

- 1.Product size:1670*460*45mm
- 2.Product weight(net weight):23KG
- 3.Packing size:1750*530*120mm
- 4.Contaciner loading:290sets/20',700sets/40'
5. Packing weight: 27KG



云警系列120W

One-stop Solar Energy Solution Provider

www.sinoltech.com

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