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Intefly new energy,
is committed to solving a variety
of energy lighting. Products cover
solar integrated / split street lights,
controllers, inverters, all in one power
supply, solar charging pile, etc.

2017



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Brief profile Shenzhen INTEFLY Electronics Limited founded in 2005, it is a hightech enterprise focused on solar LED series products designing, production, selling, installation and service. INTEFLY has implemented a strict and complete quality control system (CCQS) (ISO9001:2000) in 2008, all products approved with CE, ROHS, IP65 certification. Adhering to regulations "Clients are always the first", INTEFLY committed to provide customers high performance products, welcome all sections people visit our factory and give some working guidance.

Service tenet

customer first, sincere service!

Business philosophy

science and technology as the power, the quality strives for the survival!

Focus competencies

quality, technology, speed, service.

Enterprise spirit

in time of peace prepare for war, neverstop!

Growth orientation

long-term, stability, development, science and technology, the international.

R&D Team



Production Team

Domestic Sales Team



Foreign Trade Team



IN-106C



Time control
+Light control
+Human body infrared sensor

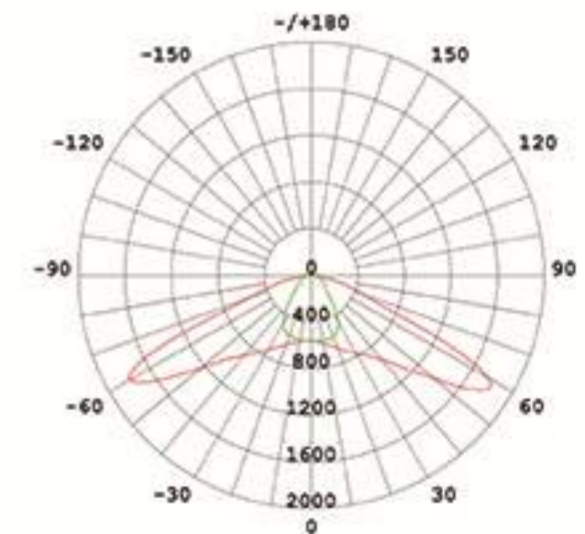
Solar Products All in One Solar Street Light IN-106C

Product Specifications

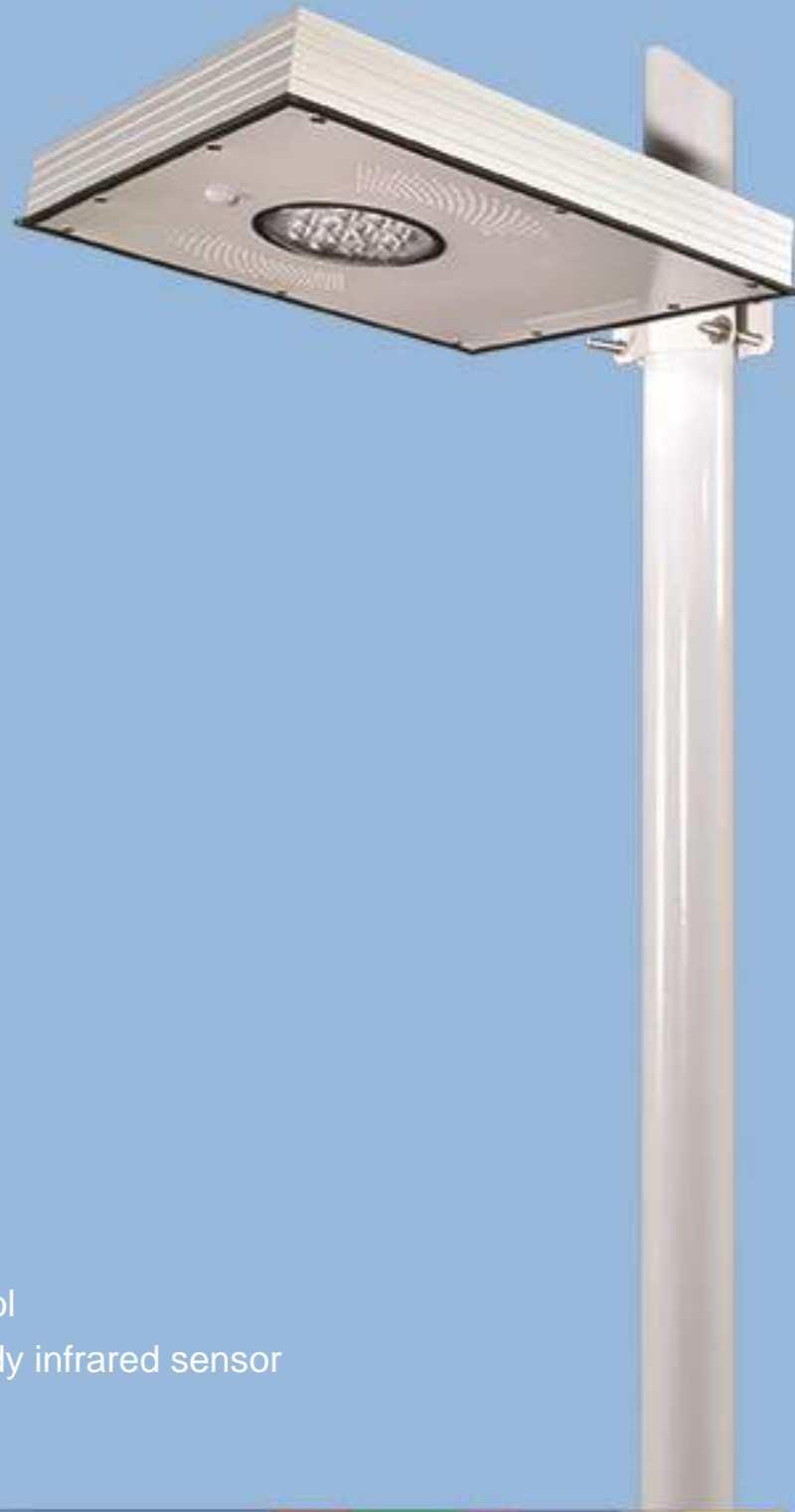
- 1.Materials:Iron
- 2.Solar panel:Efficiency Germany Solarworld mono 18V 10W
- 3.LED:superbright Epistar LED light 12V 6W 600-650LM
- 4.battery:Lithium battery 4AH
- 5.Install height:2-3M
- 6.Lighting time:5-7 backup days, with 100% brightness 30 seconds when people under the lamp, nobody movement , into save power mode.
- 7.Work Temperature:-30_+60

Packing details

- 1.product size:380*330*50MM
- 2.N.W:3kg G.W:4kg
- 3.Packing Dimensions:430*260*100MM
- 4.Qty:1pc/carton
- 5.20'GP container:2600 sets



IN-8C-15C



Time control
+Light control
+Human body infrared sensor

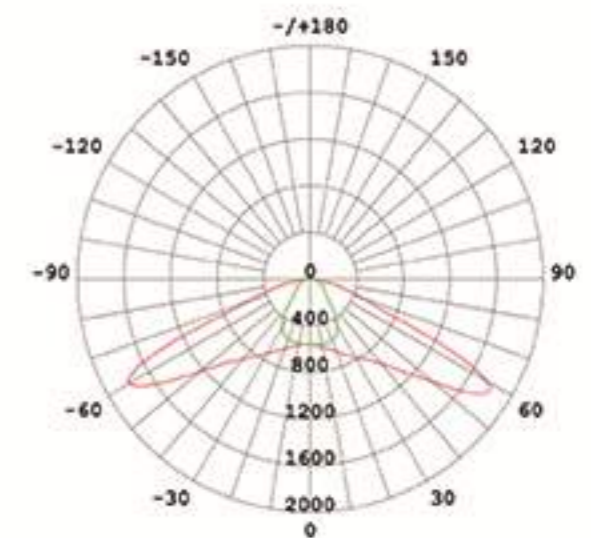
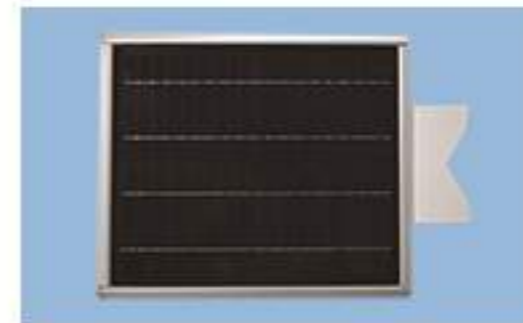
Solar Products All in One Solar Street Light IN-1B Series

Features:

1. Aluminium alloy, USA sunpower high efficiency mono solar panel USA bridgelux 45mil LED powerful Li-battery with MPPT smart controller;
2. Possess Time control, Light control, Human body infrared sensor;
3. Could be mounted on pole and wall
3. Working temperature: -30~+60
4. Application area: scenic spot, park, outdoor parking, rural roads, provincial roads state road, highway, etc.

Parameter Specification:

power	8W	12W	15W
Product size	420*350*55MM	420*350*55MM	550*350*55MM
Solar Panet	18V 20W	18V 25W	18V 30W
LED Brand	8W USA bridgelux45mil	12W USA bridgelux45mil	15W USA bridgelux45mil
Color Temperature	6000-6500K	6000-6500K	6000-6500K
Lumen	900-950LM	1200-1280LM	1500-1580LM
Battery	lithium battery 9AH	lithium battery 10AH	lithium battery 13AH
Discharge Time	>36 Hour	>36 Hour	>36 Hour
Temperature	-30—+60	-30—+60	-30—+60
Waterproof Rate	IP65	IP65	IP65
Mounting Height	2-3.5M	3-4M	3-4M
N.W/G.W	5KG/5.5KG	5KG/5.5KG	6.5KG/7KG
Qty	1pc/carton	1pc/carton	1pc/carton
Packing Dimensions	520*400*130MM	520*400*130MM	650*400*130MM
Container	960sets/20'GP	960sets/20'GP	960sets/20'GP



IN-8A-15A



Time control
+Light control
+Human body infrared sensor

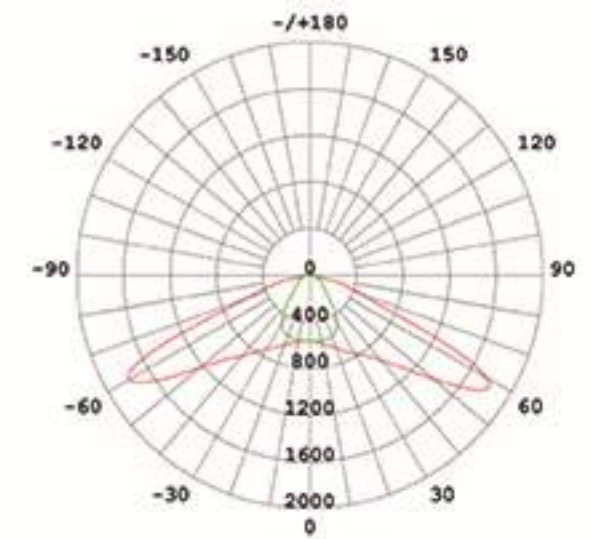
Solar Products All in One Solar Street Light IN-2 Series

Features:

1. Aluminium alloy, USA sunpower high efficiency mono solar panel USA bridgelux 45mil LED powerful Li-battery with MPPT smart controller;
2. Possess Time control, Light control, Human body infrared sensor;
3. Could be mounted on pole and wall
3. Working temperature: -30~+60
4. Application area: scenic spot, park, outdoor parking, rural roads, provincial roads state road, highway, etc.

Parameter Specification:

Power	8W	12W	15W
Product size	550*325*35MM	550*325*35MM	650*325*35MM
Solar Panel	18V 18W	18V 22W	18V 30W
LED Brand	8W USA bridgelux 45mil	12W USA bridgelux 45mil	15W USA bridgelux 45mil
Color Temperature	6000-6500K	6000-6500K	6000-6500K
Lumen	1000-1200LM	1200-1300LM	1500-1600LM
Battery	lithium battery 8AH	lithium battery 10AH	lithium battery 13AH
Discharge Time	>36 Hour	>36 Hour	>36 Hour
Temperature	-30—+60	-30—+60	-30—+60
Waterproof Rate	IP65	IP65	IP65
Mounting Height	3-4M	4-5M	4-5 M
N.W/G.W	6.5KG/7KG	6.5KG/7KG	7.5KG/8KG
Qty	1pc/carton	1pc/carton	1pc/carton
Packing Dimensions	620*400*150MM	620*400*150MM	720*400*150MM
Container	700 sets/20'GP	700 sets/20'GP	600 sets/20'GP



IN-1B-12B



Time control
+Light control
+Human body infrared sensor

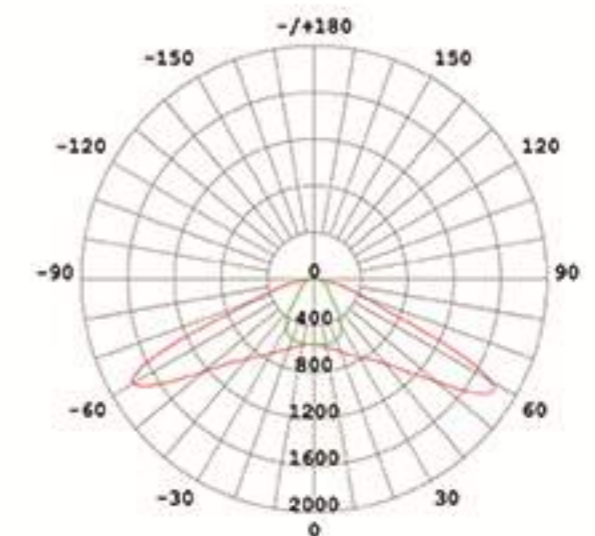
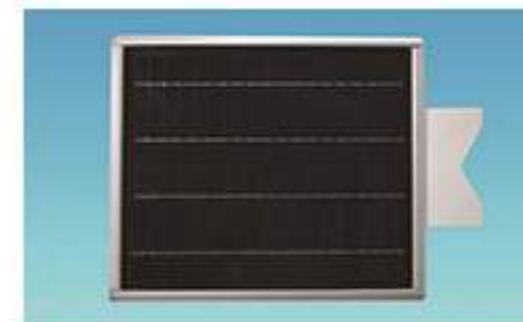
Solar Products All in One Solar Street Light IN-1B Series

Features:

1. Aluminium alloy, USA sunpower high efficiency mono solar panel USA bridgelux 45mil LED powerful Li-battery with MPPT smart controller;
2. Possess Time control, Light control, Human body infrared sensor;
3. Could be mounted on pole and wall
3. Working temperature: -30~+60
4. Application area: scenic spot, park, outdoor parking, rural roads, provincial roads state road, highway, etc.

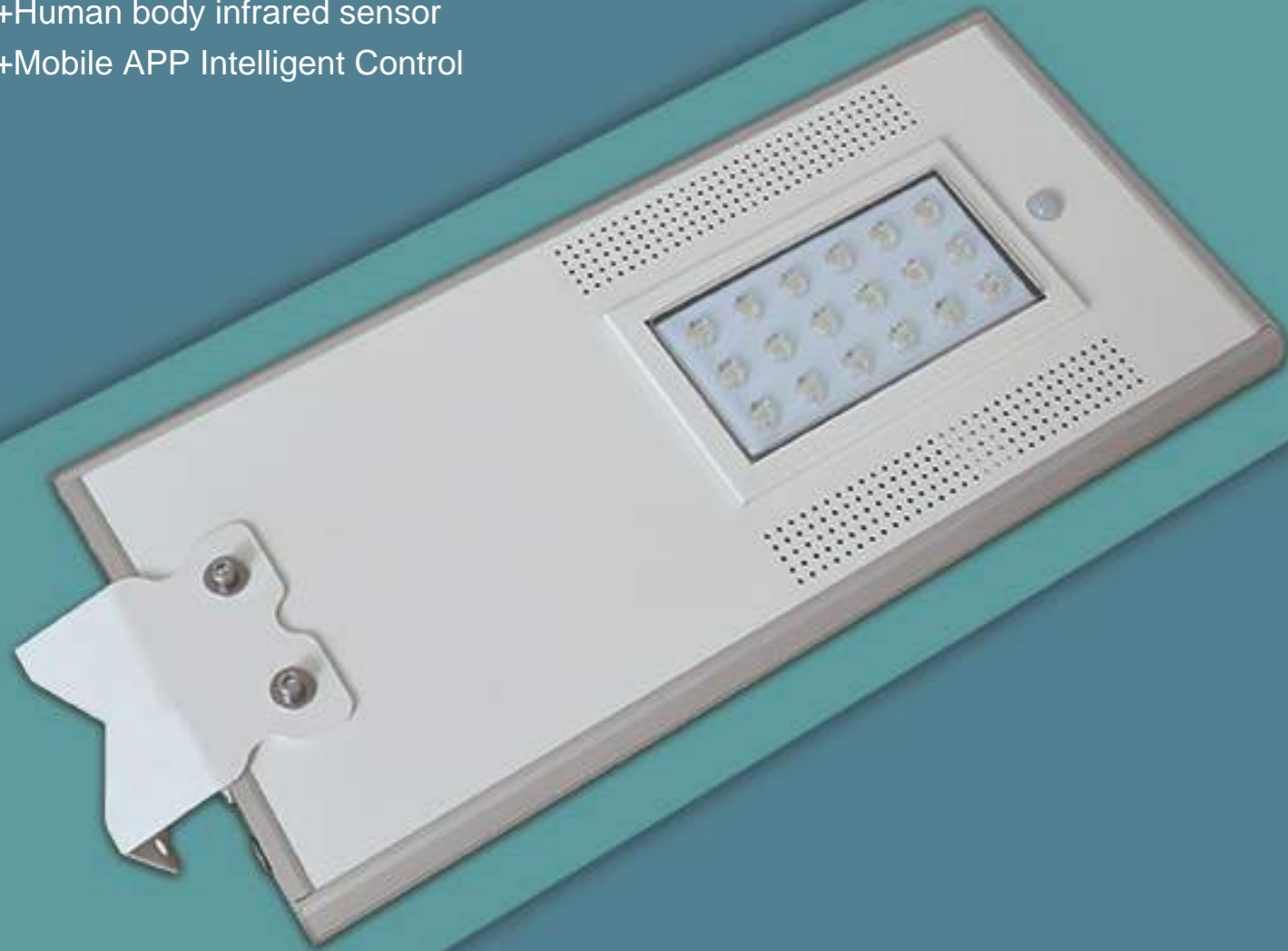
Parameter Specification:

power	8W	12W
Product size	380*290*40MM	380*290*40MM
Solar Panel	18V 15W	18V 20W
LED Brand	8W USA bridgelux 45mil	8W USA bridgelux 45mil
Color Temperature	6000-6500K	6000-6500K
Lumen	900-950LM	1200-1280LM
Battery	lithium battery 6AH	lithium battery 7AH
Discharge Time	>36 Hour	>36 Hour
Temperature	-30—+60	-30—+60
Waterproof Rate	IP65	IP65
Mounting Height	2-3.5M	3-4M
N.W/G.W	3.5KG/4KG	3.5KG/4KG
Qty	1pc/carton	1pc/carton
Packing Dimensions	460*350*150MM	460*350*150MM
Container	1000 sets/20'GP	1000 sets/20'GP



IN-18C

- Time control
- +Light control
- +Human body infrared sensor
- +Mobile APP Intelligent Control



Solar Products All in One Solar Street Light IN-218C

Features:

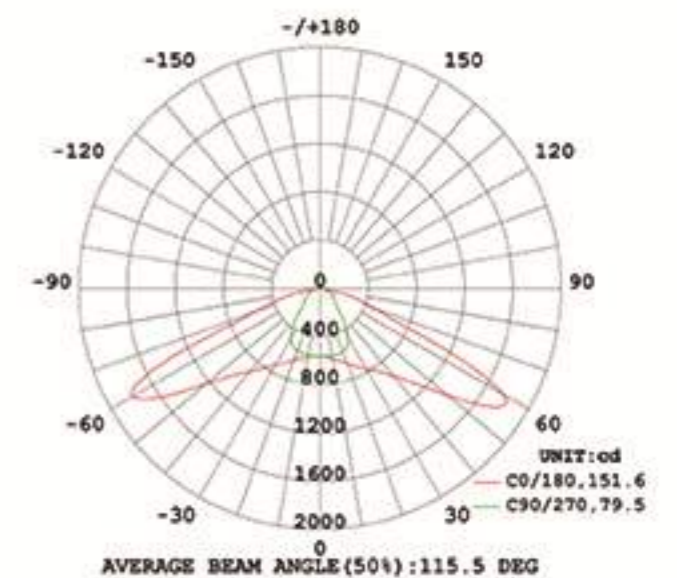
1. Aluminium alloy USA sunpower high efficiency mono solar panel USA bridgelux 45mil LED powerful Li-battery with MPPT smart controller;
2. Possess Time control, Light control, Human body infrared sensor, Mobile APP Intelligent Control;
3. Could be mounted on pole and wall;
3. Working temperature: -30 ~+60
4. Application area: scenic spot, park, outdoor parking, rural roads, provincial roads state road, highway, etc.

Product Specifications

1. Materials: Aluminium alloy
2. Solar panel: Efficiency Germany Solarworld mono 18V 30W
3. LED: USA bridgelux 45mil LED light 12V 18W 2000-2100LM
4. battery Lithium battery 13AH
5. Install height: 4-5M
6. Lighting time: 5-7 backup days, with 100% brightness 30 seconds when people under the lamp, nobody movement, into save power mode.

Packing details

1. product size: 650*325*45MM
2. N.W: 7kg G.W: 8kg
3. Packing Dimensions: 760*400*150MM
4. Qty: 1pc/carton
5. 20'GP container: 500 sets



IN-30-40

- Time control
- +Light control
- +Human body infrared sensor
- +Mobile APP Intelligent Control



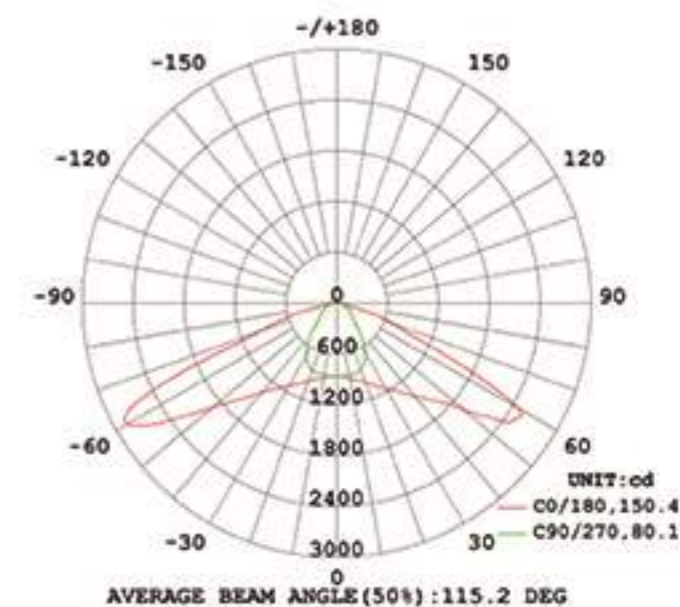
Solar Products All in One Solar Street Light IN-2 Series

Features:

1. Aluminium alloy USA sunpower high efficiency mono solar panel USA bridgelux 45mil LED powerful Li-battery with MPPT smart controller;
2. Possess Time control, Light control, Human body infrared sensor, Mobile APP Intelligent Control;
3. Could be mounted on pole and wall
3. Working temperature: -30 ~ +60
4. Application area: scenic spot, park, outdoor parking, rural roads, provincial roads state road, highway, etc.

Parameter Specification:

power	30W	40W
Product size	1210*340*45MM	1210*340*45MM
Solar Panet	18V 70W USA sunpower	18V 70W USA sunpower
LED Brand	30W USA bridgelux 45mil	40W USA bridgelux 45mil
Color Temperature	6000-6500K	6000-6500K
Lumen	3000-3600LM	4000-4600LM
Battery	lithium battery 33AH	lithium battery 35AH
Discharge Time	>36 Hou	>36 Hour
Temperature	-30 ~ +60	-30 ~ +60
Waterproof Rate	IP65	IP65
Mounting Height	6-8M	6-8M
N.W/G.W	18KG/19KG	18KG/19KG
Qty	1pc/carton	1pc/carton
Packing Dimensions	1320*400*200MM	1320*400*200MM
Container	250 sets/20'GP	250 sets/20'GP



IN-50-80



- Time control
- +Light control
- +Human body infrared sensor
- +Mobile APP Intelligent Control

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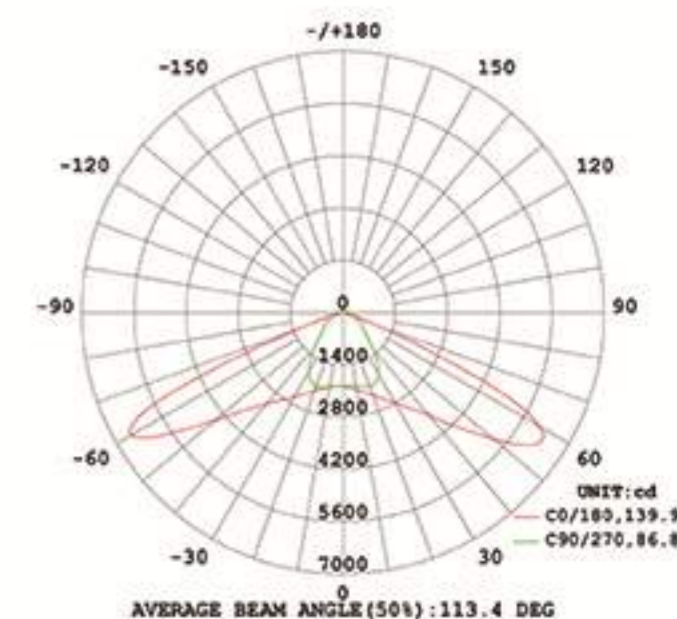
Solar Products All in One Solar Street Light IN-2 Series

Features :

1. Aluminium alloy USA sunpower high efficiency mono solar panel USA bridgelux 45mil LED powerful Li-battery with MPPT smart controller;
2. Possess Time control ,Light control, Human body infrared sensor, Mobile APP Intelligent Control;
3. Could be mounted on pole and wall
3. Working temperature: -30 ~+60
4. Application area: scenic spot, park, outdoor parking, rural roads, provincial roads state road, highway, etc.

Parameter Specification:

Product size	1210*460*45MM	1210*460*45MM	1210*460*45MM	1210*460*45MM
Solar Panet	18V 85W	18V 85W	18V 90W	18V 100W
LED Brand	50W USA bridgelux 45mil	60W USA bridgelux 45mil	70W USA bridgelux 45mil	80W USA bridgelux 45mil
Color Temperature	6000-6500K	6000-6500K	6000-6500K	6000-6500K
Lumen	6000-7000LM	6500-7200LM	7500-8000LM	8500-9000LM
Battery	lithium battery 44AH	lithium battery 46AH	lithium battery 50AH	lithium battery 60AH
Discharge Time	>36 Hour	>36 Hour	>36 Hour	>36 Hour
Temperature	-30 —+60	-30 —+60	-30 —+60	-30 —+60
Waterproof Rate	IP65	IP65	IP65	IP65
Mounting Height	8-10M	8-10M	9-12M	9-12M
N.W/G.W	21KG/24KG	21KG/24KG	21KG/24KG	21KG/24KG
Qty	1pc/carton	1pc/carton	1pc/carton	1pc/carton
Packing Dimensions	1320*500*200MM	1320*500*200MM	1320*500*200MM	1320*500*200MM
Container	200 sets/20'GP	200 sets/20'GP	200 sets/20'GP	200 sets/20'GP



IN-20C-25C



- Time control
- +Light control
- +Human body infrared sensor
- +Mobile APP Intelligent Control

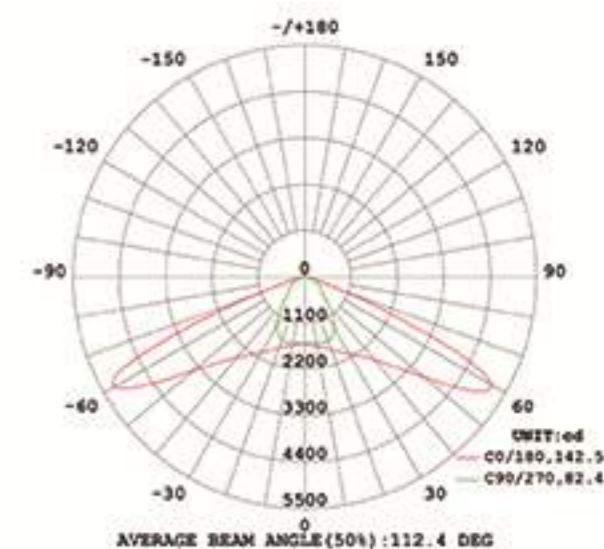
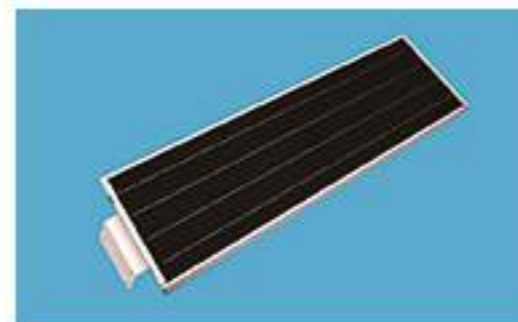
Solar Products All in One Solar Street Light IN-2C Series

Features:

1. Aluminium alloy Germany solarworld mono solar panel USA bridgelux 45mil LED powerful Li-battery with MPPT smart controller;
2. Possess Time control, Light control, Human body infrared sensor, Mobile APP Intelligent Control;
3. Could be mounted on pole and wall
3. Working temperature: -30 ~+60
4. Application area: scenic spot, park, outdoor parking, rural roads, provincial roads state road, etc.

Parameter Specification:

Power	20W	25W
Product size	960*340*45MM	960*340*45MM
Solar Panel	18V 50W	18V 50W
LED Brand	20W USA bridgelux 45mil	25W USA bridgelux 45mil
Color Temperature	6000-6500K	6000-6500K
Lumen	2100-2200LM	2500-2700LM
Battery	lithium battery 18AH	lithium battery 20AH
Discharge Time	>36 Hour	>36 Hour
Temperature	-30 ~+60	-30 ~+60
Waterproof Rate	IP65	IP65
Mounting Height	4-6M	4-6M
N.W/G.W	11KG/13KG	11KG/13KG
Qty	1pc/carton	1pc/carton
Packing Dimensions	1070*400*200MM	1070*400*200MM
Container	300 sets/20'GP	300 sets/20'GP



IN-30C-60C



- Time control
- +Light control
- +Human body infrared sensor
- +Mobile APP Intelligent Control

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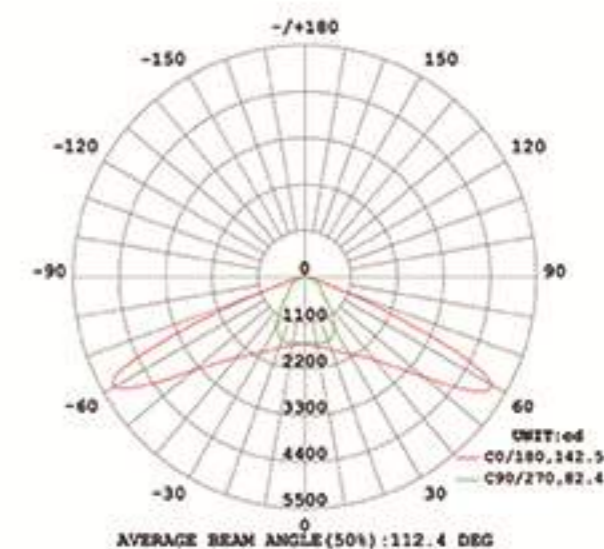
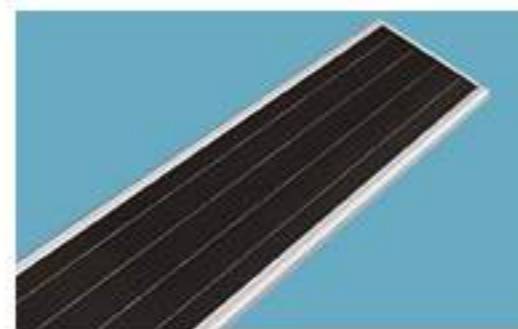
Solar Products All in One Solar Street Light IN-2C Series

Features:

1. Aluminium alloy Germany solarworld mono solar panel/USA sunpower high efficiency mono solar panel USA bridgelux 45mil LED powerful Li-battery with MPPT smart controller;
2. Possess Time control, Light control, Human body infrared sensor, Mobile APP Intelligent Control;
3. Could be mounted on pole and wall
3. Working temperature: -30 ~ +60
4. Application area: scenic spot, park, outdoor parking, rural roads, provincial roads state road, etc.

Parameter Specification:

Power	30W	40W	50W	60W
Product size	1210*340*45MM	1210*340*45MM	1210*340*45MM	1210*340*45MM
Solar Panel	18V 65W (Solarworld)	18V 65W (Solarworld)	18V 70W(sunpower)	18V 70W(sunpower)
LED Brand	30W USA bridgelux 45mil	40W USA bridgelux 45mil	50W USA bridgelux 45mil	60W USA bridgelux 45mil
Color Temperature	6000-6500K	6000-6500K	6000-6500K	6000-6500K
Lumen	3000-3600LM	4000-4600LM	5000-6000LM	6500-7000LM
Battery	lithium battery 26AH	lithium battery 30AH	lithium battery 35AH	lithium battery 36AH
Discharge Time	> 36 Hour	> 36 Hour	> 36 Hour	> 36 Hour
Temperature	-30 — +60	-30 — +60	-30 — +60	-30 — +60
Waterproof Rate	IP65	IP65	IP65	IP65
Mounting Height	6-8M	6-8M	7-9M	7-9M
N.W/G.W	17KG/18KG	17KG/18KG	18KG/19KG	18KG/19KG
Qty	1pc/carton	1pc/carton	1pc/carton	1pc/carton
Packing Dimensions	1340*400*200MM	1340*400*200MM	1340*400*200MM	1340*400*200MM
Container	250 sets/20'GP	250 sets/20'GP	250 sets/20'GP	250 sets/20'GP



IN-70C-80C



Time control
 +Light control
 +Human body infrared sensor
 +Mobile APP Intelligent Control

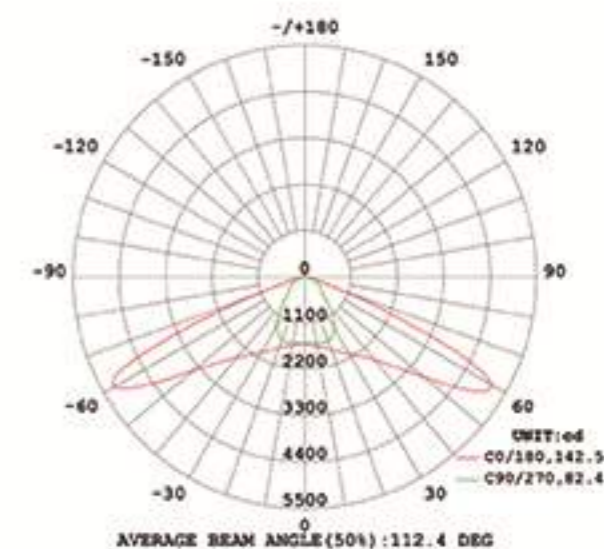
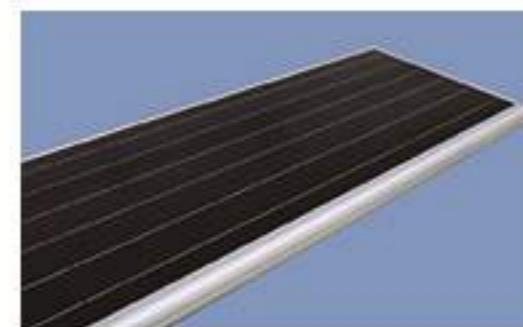
Solar Products All in One Solar Street Light IN-2C Series

Features:

1. Aluminium alloy Germany solarworld mono solar panel USA bridgelux 45mil LED powerful Li-battery with MPPT smart controller;
2. Possess Time control, Light control, Human body infrared sensor, Mobile APP Intelligent Control;
3. Could be mounted on pole and wall
3. Working temperature: -30 ~+60
4. Application area: provincial roads state road, highway, etc.

Parameter Specification:

Power	70W	80W
Product size	1210*460*45MM	1210*460*45MM
Solar Panel	18V 90W	18V 90W
LED Brand	70W USA bridgelux 45mil	70W USA bridgelux 45mil
Color Temperature	6000-6500K	6000-6500K
Lumen	7500-8000LM	7500-8000LM
Battery	lithium battery 50AH	lithium battery 60AH
Discharge Time	> 36 Hour	>36 Hour
Temperature	-30 —+60	-30 —+60
Waterproof Rate	IP65	IP65
Mounting Height	8-9 M	8-9 M
N.W/G.W	21KG/24KG	21KG/24KG
Qty	1pc/carton	1pc/carton
Packing Dimensions	1320*500*200MM	1320*500*200MM
Container	200 sets/20'GP	200 sets/20'GP



IN-90-120



Time control
+Light control
+Mobile APP Intelligent Control

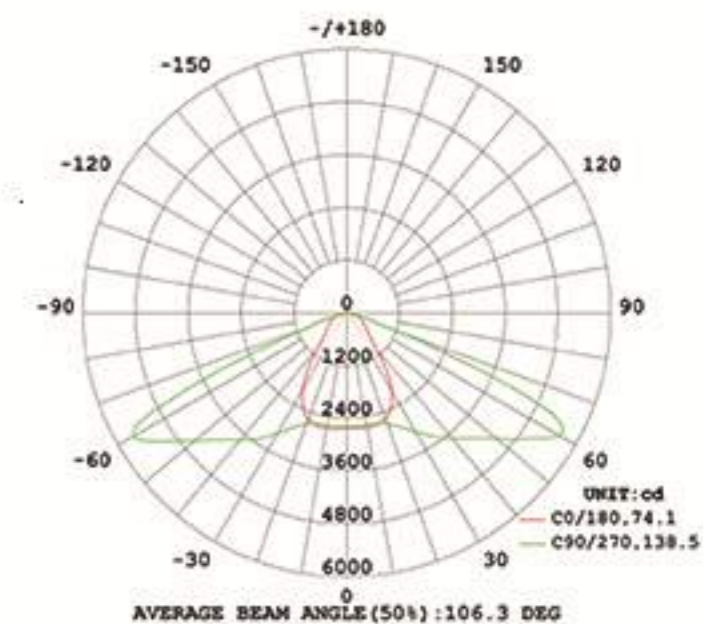
Solar Products All in One Solar Street Light IN-2 Series

Features:

1. Aluminium alloy USA sunpower high efficiency mono solar panel USA bridgelux 45mil LED powerful Li-battery with MPPT smart controller;
2. Possess Time control, Light control, Mobile APP Intelligent Control;
3. Could be mounted on pole and wall
3. Working temperature: -30 ~+60
4. Application area: scenic spot, park, outdoor parking, rural roads, provincial roads state road, highway, etc.

Parameter Specification:

Power	90W	100W	110W	120W
Product size	1570*460*45 MM	1570*460*45 MM	1670*460*45 MM	1670*460*45 MM
Solar Panel	18V 130W	18V 130W	18V 150W	18V 150W
LED Brand	90W USA bridgelux 45mil	100W USA bridgelux 45mil	110W USA bridgelux 45mil	120W USA bridgelux 45mil
Color Temperature	6000-6500K	6000-6500K	6000-6500K	6000-6500K
Lumen	9000-10000LM	10000-11000LM	11000-12000LM	12000-13000LM
Battery	lithium battery 80AH	lithium battery 82AH	lithium battery 88AH	lithium battery 90AH
Discharge Time	>36 Hour	>36 Hour	>36 Hour	>36 Hour
Temperature	-30 —+60	-30 —+60	-30 —+60	-30 —+60
Waterproof Rate	IP65	IP65	IP65	IP65
Mounting Height	9-11 M	9-11 M	9-12 M	9-12 M
N.W/G.W	22KG/24KG	22KG/24KG	24KG/26KG	24KG/26KG
Qty	1pc/carton	1pc/carton	1pc/carton	1pc/carton
Packing Dimensions	1645*525*150MM	1645*525*150MM	1740*525*150MM	1740*525*150MM
Container	200 sets/20'GP	200 sets/20'GP	180 sets/20'GP	180 sets/20'GP



IN-F30-80



- Time control
- +Light control
- +Human body infrared sensor
- +Mobile APP Intelligent Control
- +Indicator function

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Solar Products All in One Solar Street Light IN-F Series

Features :

1. Aluminium alloy USA sunpower high efficiency mono solar panel USA bridgelux 45mil LED powerful Li-battery with MPPT smart controller;
2. Possess Time control ,Light control, Human body infrared sensor, Mobile APP Intelligent Control;
3. Could be mounted on pole and wall
3. Working temperature: -30 ~+60
4. Application area: courtyard, scenic spot, park, outdoor parking, rural roads, provincial roads state road, etc.

Parameter Specification:

Power	30W	40W	50W	60W	70W	80W
Product size	700*325*45MM	700*325*45MM	700*325*45MM	700*325*45MM	700*325*45MM	700*325*45MM
Size of solar panel	670*530*50MM	670*530*50MM	760*670*50MM	760*670*50MM	760*670*50MM	760*670*50MM
Solar Panel	18V 65W	18V 70W	18V 90W	18V 90W	18V 100W	18V 100W
LED Brand	30W	40W	50W	60W	70W	80W
Color Temperature	6000-6500K	6000-6500K	6000-6500K	6000-6500K	6000-6500K	6000-6500K
Lumen	3500-4500LM	4500-5500LM	5500-6500LM	6500-7500LM	7500-8500LM	8500-9500LM
Battery	33AH	35AH	44AH	46AH	50AH	60AH
Discharge Time	>36 Hour	>36 Hour	>36 Hour	>36 Hour	>36 Hour	>36 Hour
Temperature	-30 —+60	-30 —+60	-30 —+60	-30 —+60	-30 —+60	-30 —+60
Waterproof Rate	IP65	IP65	IP65	IP65	IP65	IP65
Mounting Height	5-7 M	5-7 M	6-8 M	6-8 M	7-9 M	7-9 M
N.W/G.W	21.5KG/23.5KG	21.5KG/23.5KG	24.5KG/26.5KG	24.5KG/26.5KG	24.5KG/26.5KG	24.5KG/26.5KG
Qty	1pc/carton	1pc/carton	1pc/carton	1pc/carton	1pc/carton	1pc/carton
Packing Dimensions	795*655*205MM	795*655*205MM	825*735*205MM	825*735*205MM	825*735*205MM	825*735*205MM
Accessory box	365*355*225MM	365*355*225MM	365*355*225MM	365*355*225MM	365*355*225MM	365*355*225MM
Container	180sets/20'GP	180sets/20'GP	160sets/20'GP	160sets/20'GP	160sets/20'GP	160sets/20'GP



IN-J20-80



- Time control
- +Light control
- +Human body infrared sensor
- +Mobile APP Intelligent Control

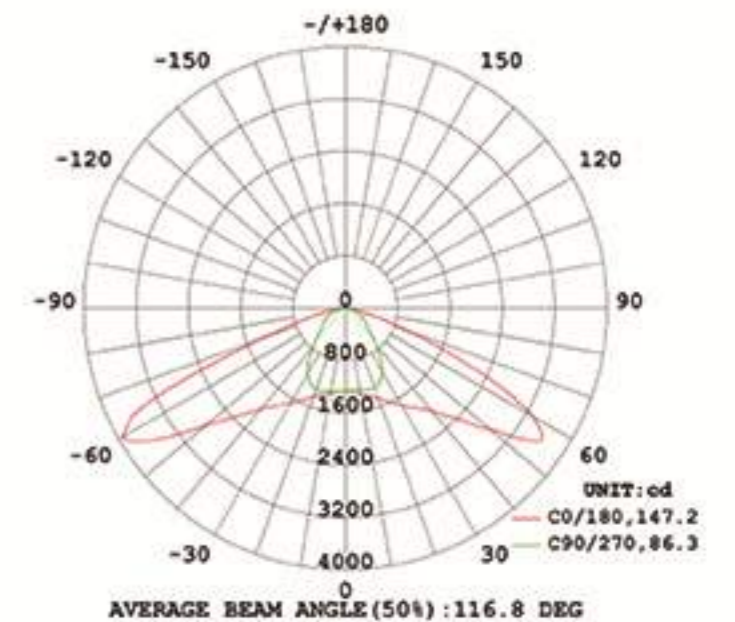
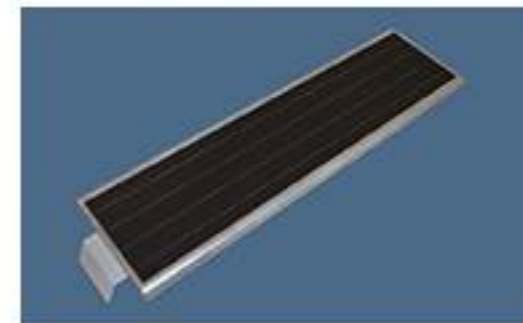
Solar Products All in One Solar Street Light IN-J Series

Features :

1. Aluminium alloy USA sunpower high efficiency mono solar panel USA bridgelux 45mil LED powerful Li-battery with MPPT smart controller;
2. Possess Time control ,Light control, Human body infrared sensor, Mobile APP Intelligent Control;
3. Could be mounted on pole and wall
3. Working temperature: -30 ~+60
4. Application area: scenic spot, park, outdoor parking, rural roads, provincial roads state road, highway, etc.

Parameter Specification:

Power	20W	30W	40W	60W	80W
Product size	960*340*50MM	1210*340*50MM	1210*340*50MM	1210*460*50MM	1210*460*50MM
Solar Panel	18V 50W	18V 65W	18V 65W	18V 70W	18V 100W
LED Brand	20W	30W	40W	60W	80W
Color Temperature	6000-6500K	6000-6500K	6000-6500K	6000-6500K	6000-6500K
Lumen	3000-4000LM	4000-5000LM	5000-6000LM	6000-7000LM	8000-9000LM
Battery	lithium battery 18AH	lithium battery 33AH	lithium battery 35AH	lithium battery 46AH	lithium battery 60AH
Discharge Time	>36 Hour	>36 Hour	>36 Hour	>36 Hour	>36 Hour
Temperature	-30 —+60	-30 —+60	-30 —+60	-30 —+60	-30 —+60
Waterproof Rate	IP65	IP65	IP65	IP65	IP65
Mounting Height	5-6 M	6-7 M	6-7 M	7-8 M	8-10 M
N.W/G.W	13KG/15KG	17KG/19KG	17KG/19KG	21KG/23KG	21KG/23KG
Qty	1pc/carton	1pc/carton	1pc/carton	1pc/carton	1pc/carton
Packing Dimensions	1060*400*200MM	1340*400*200MM	1340*400*200MM	1340*500*200MM	1340*500*200MM
Container	300 sets/20'GP	250 sets/20'GP	250 sets/20'GP	230 sets/20'GP	230 sets/20'GP



IN-S15



Time control
+Light control
+Mobile APP Intelligent Control

Solar Products All in One? Solar Street Light IN-S Series

Features :

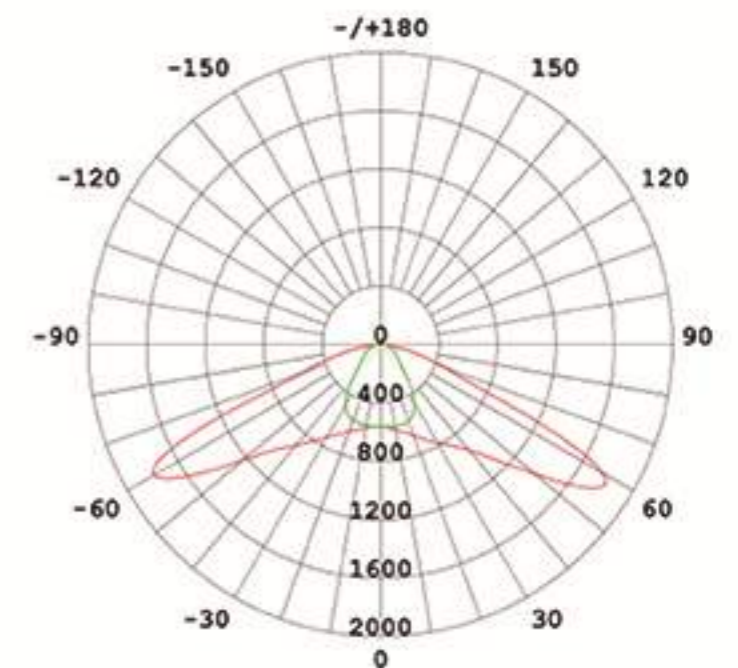
1. Aluminium alloy USA sunpower high efficiency mono solar panel SMD 3528 LED powerful Li-battery with MPPT smart controller;
2. Possess Time control ,Light control, Human body infrared sensor, Mobile APP Intelligent Control;
3. Could be mounted on pole and wall
3. Working temperature: -30 ~+60
4. Application area: courtyard, scenic spot, park, outdoor parking, etc.

Product Specifications

1. Materials: Aluminium alloy
2. Solar panel: Efficiency Germany Solarworld mono 18V 22W
3. LED: SMD 3528 LED light 12V 15W 1600-1700LM
4. battery: Lithium battery 12AH
5. Install height: 3-8M
6. Lighting time: 5-7 backup days, with 100% brightness 30 seconds when people under the lamp, nobody movement , into save power mode.

Packing details

1. product size: 650*520*140*40MM
2. N.W: 7.2kg G.W: 8kg
3. Packing Dimensions: 700*650*200MM
4. Qty: 1pc/carton
5. 20'GP container: 280 sets



IN-15Y-30Y



Time control
+Light control
+Mobile APP Intelligent Control

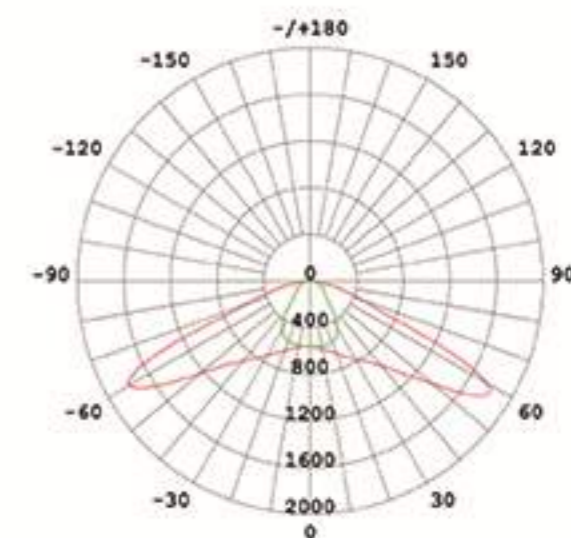
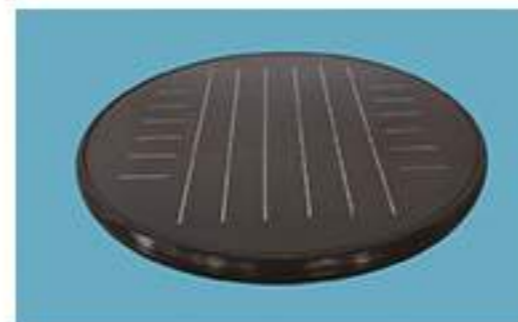
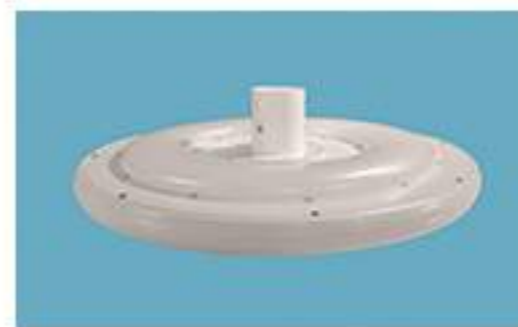
Solar Products All in One Solar Street Light IN-Y Series

Features:

1. Aluminium alloy Germany solarworld mono solar panel USA bridgelux 45mil LED powerful Li-battery with MPPT smart controller;
2. Possess Time control, Light control, Mobile APP Intelligent Control;
3. Could be mounted on pole and wall
3. Working temperature: -30 ~+60
4. Application area: courtyard, scenic spot, park.

Parameter Specification:

Power	15W	20W	25W	30W
Product size	Diameter 635*45MM	Diameter 635*45MM	Diameter 735*45MM	Diameter 735*45MM
Solar Panel	18V 35W	18V 35W	18V 50W	18V 50W
LED Brand	15W USA bridgelux 45mil	20W USA bridgelux 45mil	25W USA bridgelux 45mil	30W USA bridgelux 45mil
Color Temperature	6000-6500K	6000-6500K	6000-6500K	6000-6500K
Lumen	1500-1600LM	2000-2100LM	2500-2600LM	3000-3100LM
Battery	lithium battery 8AH	lithium battery 10AH	lithium battery 13AH	lithium battery 15AH
Discharge Time	>36 Hour	>36 Hour	>36 Hour	>36 Hour
Temperature	-30 —+60	-30 —+60	-30 —+60	-30 —+60
Waterproof Rate	IP65	IP65	IP65	IP65
Mounting Height	4-5 M	4-5 M	5-6 M	5-6 M
N.W/G.W	14KG/15KG	14KG/15KG	16KG/17KG	16KG/17KG
Qty	1pc/carton	1pc/carton	1pc/carton	1pc/carton
Packing Dimensions	680*680*140MM	680*680*140MM	780*780*140MM	780*780*140MM
Container	400 sets/20'GP	400 sets/20'GP	300 sets/20'GP	300 sets/20'GP





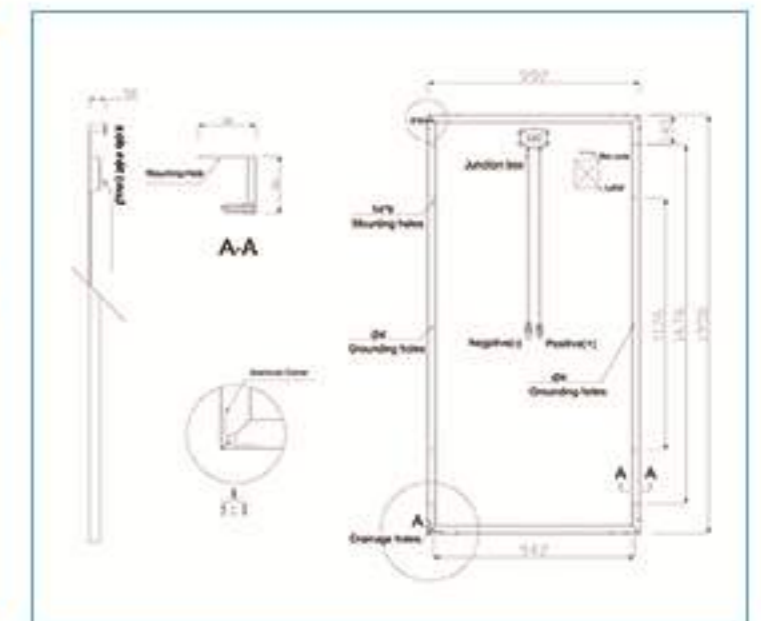
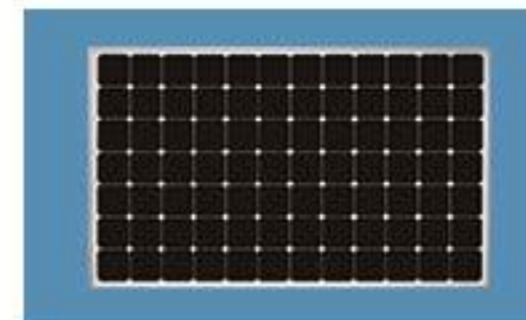
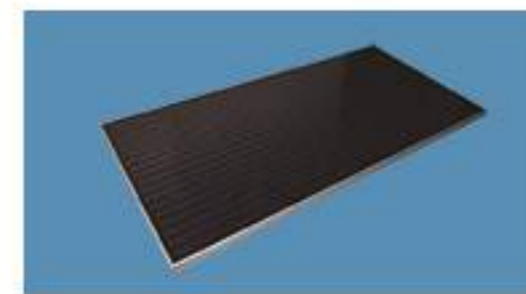




Series solar products - solar panels

Typical Electrical Characteristics

Solar cells	: Mono-Crystalline 156x156mm
Max-power	: 300 305 310 315 320 325 330
Power Tolerance	: ±5%
Voltage at Pmax(Vmp)	: 36.6 36.7 36.8 37.0 37.1 37.3 37.5
Current at Pmax(Imp)	: 8.17 8.29 8.40 8.54 8.63 8.74 8.84
Open-Circuit Voltage(Voc)	: 45.0 45.1 45.2 45.3 45.4 45.5 45.6
Short-Circuit(Isc)	: 8.81 8.97 9.09 9.25 9.33 9.46 9.58
Max-System Voltage(VDC)	: 1000V
Max.Series Fuse(A)	: 15A
Temperature Coefficient of Pmax	: -0.45%/
Temperature Coefficient of Voc	: -0.34%/
Temperature Coefficient of Isc	: -0.05%/
Nominal Operating Cell Temperature	: 45±2
Weight(Kg)	: 22.5Kg
Dimension Size	: 1956*992*50mm
Cable type,Diameter and Length	: 4m m ² , L=900±5mm
Warranty	: PM is not less than 90% in 10 year and 80% in 25 year





Solar controller series products

Features :

- 1.MPPT max power point trace charging technology
- 2.Bluetooth mobile phone remote control
- 3.Original,advanced mobile APP function of reading and setting up parameters
- 4.Conversion efficiency is up to 97%
- 5.IP67 waterproof level, aluminum alloy case
- 6.Multi-protection of over-discharging, over-charging, short-circuit, reverse polarity and so on
- 7.System voltage:DC12V/24V
- 8.The maximum charging current:22A
9. Load output range: Maximum 20A for long type/ Maximum 10A for short type
- 10.Available LED light:5-15 tandems (12V)/10-15 tandems(24V)

Parameter Specification :

Type	IN-10A	IN-20A
System Voltage	12V/24V	12V/24V
No-load Loss	<30MA(Bluetooth included 22MA)	<30MA(Bluetooth included 22MA)
Solar Input Voltage	<50V	<50V
Load Output Voltage	No-load<60V	No-load<60V
Load Output Current	Maximum10A	Maximum20A
Full Voltage	12.6V(12V)/25.2V(24V)	12.6V(12V)/25.2V(24V)
Over Output Protection	9V(12V)/18V(24V)	9V(12V)/18V(24V)
Overload/Short Circuit Protection	10.5A	20.5A
Load Limit	< 10A	< 20A
Wireless Bluetooth Range	~Radius25M(clearing)	~Radius25M(clearing)
Operating Temperature	-35 ~+65	-35 ~+65
Protection Level	IP67	IP67
N.W	0.6Kg	0.8Kg
Product Size	146*82*20.8MM	193*82*20.8MM
Mounting Size/Pore Size	74*68MM/∅4	74*68MM/∅4

Controller(step-up)



Solar products IntegrationLED Controller(step-up)

Features :

- 1.MPPT max power point trace charging technology.
- 2.Bluetooth mobile phone remote control.
- 3.Original,advanced mobile APP function of reading and setting up parameters.
- 4.Adopt stable, reliable lithium battery.
- 5.Conversion efficiency is up to 97%.
- 6.IP67 waterproof level, aluminum alloy case.
- 7.Multi-protection of over-discharging, over-charging, short-circuit, reverse polarity and so on.
- 8.System voltage:12V.
- 9.The max charging current:15A.
- 10.Load output range:15A.

Parameter Specification :

Type	: IntegrationLED Controller(step-up)
System Voltage	: 12V
No-load Loss	: <30MA(Bluetooth included 22MA)
Solar Input Voltage	: <25V
Load Output Voltage	: No-load <60V
Load Output Current	: Maximum 15A
Full Voltage	: 12.6V
Over Output Protection	: 9V
Overload/Short Circuit Protection	: >15A
Load Limit	: < 15A
Wireless Bluetooth Range	: LED String lights number5-20Bunch
Operating Temperature	: -35~+65
Protection Level	: IP67
N.W	: 4.5Kg(Short)/8Kg(Long)
Product Size	: 235*180*80.5MM(Short)/435*180*80.5MM(Long)
Mounting Size/Pore Size	: 170*120MM/ 6.2(Short)/170*150MM*2/ 6.2(Long)

Using Precautions:

- 1.When using please firstly connect load and then battery, to prevent instantaneous shock bring damage to load.
- 2.Select to connect with sufficient capacity cable to avoid reactive power loss on the circuit.
- 3.Make sure the load is matched before using, do not exceed the output required range.



(Long pattern)

Solar products - Integration DC Power Supply

Features :

- 1.MPPT max power point trace charging technology.
- 2.Bluetooth mobile phone remote control.
- 3.Original,advanced mobile APP function of reading and setting up parameters.
- 4.Adopt stable, reliable lithium battery.
- 5.Conversion efficiency is up to 97%.
- 6.IP67 waterproof level, aluminum alloy case.
- 7.Multi-protection of over-discharging, over-charging, short-circuit, reverse polarity and so on.
- 8.System voltage:12V.
- 9.The max charging current:15A.
- 10.Load output range:15A.



(Short pattern)

Parameter Specification :

Type	: Integration DC Power Supply
System Voltage	: 12V
No-load Loss	: <30MA(Bluetooth included 22MA)
Solar Input Voltage	: <25V
Load Output Voltage	: 12V
Load Output Current	: Maximum 15A
Full Voltage	: 12.6V
Over Output Protection	: 9V
Overload/Short Circuit Protection	: >15A
Load Limit	: <15A
Wireless Bluetooth Range	: ~Radius25M(Clearing)
Operating Temperature	: -35~+65
Protection Level	: IP67
N.W	: 4.5Kg(Short)/8Kg(Long)
Product Size	: 235*180*80.5MM(Short)/435*180*80.5MM(Long)
Mounting Size/Pore Size	: 170*120MM/ 6.2(Short)/170*150MM*2/ 6.2(Long)

Using Precautions :

- 1.When using please firstly connect load and then battery, to prevent instantaneous shock bring damage to load.
- 2.Select to connect with sufficient capacity cable to avoid reactive power loss on the circuit.
- 3.Make sure the load is matched before using, do not exceed the output required range.

INVERTER



Solar Products - Inverter Series

Features:

1. pure sine wave modulation output;
2. 12V lead-acid battery-powered;
3. Solar panel power supply in parallel;
4. Load adaptive, output voltage regulation rate of $\pm 10\%$;
5. Overvoltage, overload and temperature protection;
6. Single charge and discharge capacity can be calculated;
7. Special mobile phone APP interface management functions: boot conditions, you can stop / start the output, you can view the power supply parameters.



Parameter Specification :

Model	DSI500-122	DSI1000-122
Actual Power	500W	1000W
Peak Power	1250W	2500W
Material	Magnesium aluminum alloy case	Magnesium aluminum alloy case
Output Waveform	Pure sine wave	Pure sine wave
Output Frequency	50HZ	50HZ
Input Voltage	12V	12V
Output Voltage	220V $\pm 10\%$	220V10%
No-load Current	0.6A	0.6A
Conversion Efficiency	>85%	>85%
Product Dimension	285*150*70 MM	375*150*90 MM

Using Precautions:

1. Be consistent in DC voltage, 12V inverter must be choose 12V battery.
2. The output power of inverter must be greater than the power used by the appliance
3. Positive and negative must be correct
4. Should be placed in a ventilated, dry place, Beware of raining, keep more than 20cm distance away the things around, be away from explosive products, should not be placed on the machine or cover other things;
5. Two boot interval could not be less than 5 seconds





INTEFLY, the leader of industry!