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INTEGRATED SOLAR STREET LIGHT



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DV Integrated Solar Street Light merupakan gabungan solar panel, lampu LED & baterai lithium dalam satu unit lampu jalan. Produk ini dilengkapi dengan sensor pintar yang dapat diatur melalui aplikasi bluetooth, dapat mengatur pencahayaan lampu berdasarkan gerakan, cahaya disekitar, ataupun waktu. Merupakan paduan sempurna dari harapan kita akan lampu jalan yang hemat energi, awet, terang, tanpa pemeliharaan serta mudah instalasi dan pengaturannya.

All in One

Solar Panel

Lampu LED

Baterai Lithium



Dalam satu unit lampu jalan

Smart Control System



MPPT (Maximum Power Point Tracking)

Teknologi MPPT memungkinkan DV Integrated Solar Street Light secara otomatis menyesuaikan daya output sesuai dengan kondisi cuaca & cahaya matahari sehingga memaksimalkan efisiensi pengisian daya 16% - 30% lebih baik dibandingkan dengan teknologi konvensional, mencegah overcharge baterai & mencegah arus balik.

Pengaturan senja & fajar

Ketika senja akan tiba, cahaya akan berkurang yang menandakan lampu LED untuk menyala. Dan cahaya akan naik menjelang fajar, yang akan memberi sinyal lampu LED untuk mati secara otomatis. Waktu senja dan fajar dapat disesuaikan sesuai kondisi masing – masing wilayah.

Pengaturan waktu & sensor gerak

Pengaturan waktu & sensor gerak dapat memanipulasi output daya pada waktu tertentu dan ketika tidak ada obyek yang melintas dibawah lampu jalan.



Available LED Light Source

6W

8W

12W

15W

20W

25W

30W

40W

50W

60W

80W

90W

110W

120W

Motion Sensor

Motion sensor dengan Infra Red yang memungkinkan pencahayaan redup ketika tidak ada gerakan dari obyek dibawah lampu jalan dengan cakupan area tertentu.

Application

Highway

Public Park

Parking Lot

Airport

School

University

Train Station

Outdoor Light

Harbour

Drive Way

Playard

Court

Benefit

- Penyerapan energy maksimal dengan Solar Panel Monocrystalline
- Lampu LED yang efisien dan tahan lama
- Menggunakan lithium baterai sebagai penyimpanan daya hingga 1500x recharge (5 tahun)
- Tahan dengan berbagai macam cuaca
- Menggunakan Smart Control System yang dapat di operasikan menggunakan smartphone melalui gelombang bluetooth
- Menggunakan sensor gerak yang mengatur efisiensi penggunaan cahaya lampu





IN-106W

6W Integrated Solar Street Light

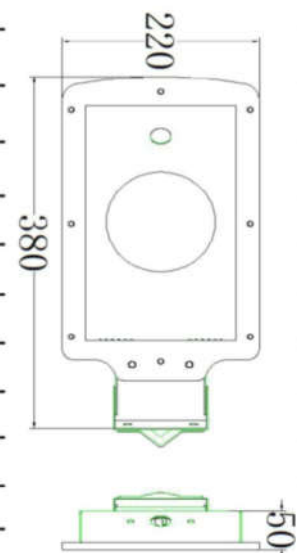


6W Integrated solar street light

IN-106W

Solar Panel	Max Power	10W (Germany Solarworld High efficiency Mono Silicon)	
	Lifespan	25 years	
Battery	Type	Lithum Battery 12V / 4AH	
	Lifespan	5 years	
LED Light Source	Power	6W	
	LED Chip	Epistar from Taiwan with high brightness	
	Luminance effect	600~700LM	
	CCT (k)	6000-6500K	
	Lifespan	50000 hours	
Working temperature	(-30℃-60℃)		
Mounting height	2 - 2.5m		
Operation mode	Motion sensor, light and time control		
Lamp housing material	Aluminum alloy		
Charging period	6-7 hours with good sunshine		
Discharging period	All-in 12 hours		
	3-4 days backup if bad weather at max power,		
Certificate	ROHS,CE,IP65		
Package method	product size	380*220*50mm	
	N.W	2.5KG	
	Carton size	435*265*130mm	
	G.W	3KG	
	Pkg method	1 ctns/set	

Technical drawing of the solar light fixture. The front view shows a rectangular housing with a width of 220mm and a height of 380mm. The side view shows a depth of 50mm. The drawing includes mounting holes and a central lens area.





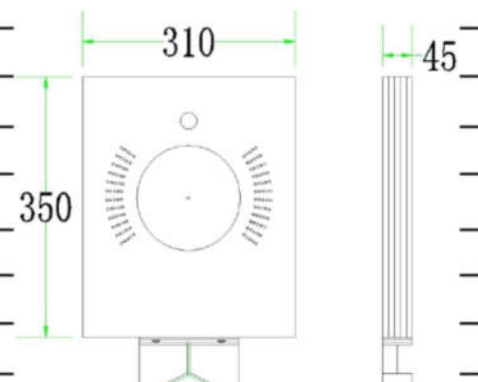
IN-108W

8W Integrated Solar Street Light



8W Integrated solar street light

IN-108W

Solar Panel	Max Power	18V/15W(Germany Solarworld High efficiency Mono Silicon)		
	Lifespan	25 years		
Battery	Type	Lithum Battery 12V / 6AH		
	Lifespan	5 years		
LED Light Source	Power	12V / 8W		
	LED Chip	US Bridgelux 45mil, 1W/PC (9 pcs)		
	Luminance effect	900-950LM		
	CCT (k)	6000-6500K		
	Lifespan	50000 hours		
Working temperature	(-30℃-60℃)			
Mounting height	3--3.5m			
Operation mode	Motion sensor, light and time control			
Lamp housing material	Aluminum alloy			
Charging period	6-7 hours with good sunshine			
Discharging period	All-in 12 hours			
	3-4 days backup if bad weather at max power			
Certificate	ROHS,CE,IP65			
Package method	product size	350*310*45mm		
	N.W	3.5KG		
	Carton size	460*350*150mm		
	G.W	4 KG		
	Pkg method	1 ctns/set		



IN-115W

15W Integrated Solar Street Light

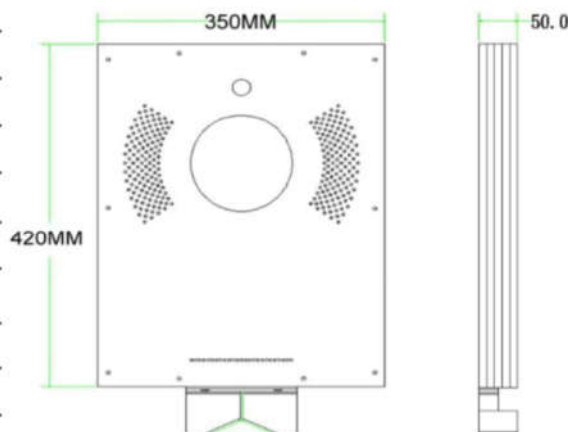


15W Integrated solar street light

IN-115W

Solar Panel	Max Power	18V/25W(Germany Solarworld High efficiency Mono Silicon)	
	Lifespan	25 years	
Battery	Type	Lithum Battery 12V / 10AH	
	Lifespan	5 years	
LED Light Source	Power	12V / 15W	
	LED Chip	US Bridgelux 45mil, 1W/PC (15 pcs)	
	Luminance effect	1600~1800LM	
	CCT (k)	6000-6500K	
	Lifespan	50000 hours	
Working temperature	(-30℃-60℃)		
Mounting height	3 - 4m		
Operation mode	Motion sensor, light and time control		
Lamp housing material	Aluminum alloy		
Charging period	6-7 hours with good sunshine		
Discharging period	All-in 12 hours		
	3-4 days backup if bad weather at max power		
Certificate	ROHS,CE,IP65		
Package method	product size	420*350*50mm	
	N.W	5KG	
	Carton size	520*400*150mm	
	G.W	6KG	
	Pkg method	1 ctns/set	

The technical drawing illustrates the dimensions of the solar light fixture. The front view shows a square panel with a width of 350MM and a height of 420MM. It features a central circular light source and two crescent-shaped light patterns on either side. The side view shows the fixture's thickness, which is 50.0MM. The drawing is rendered in green lines on a white background.





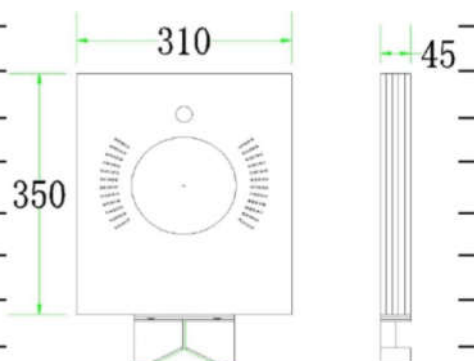
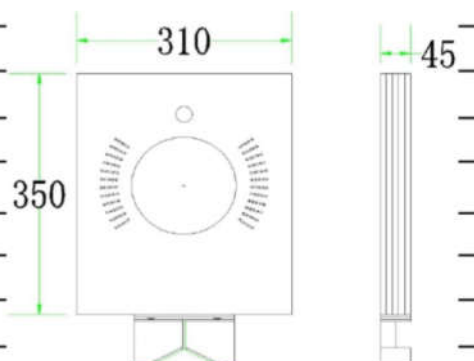
IN-112W

12W Integrated Solar Street Light



12W Integrated solar street light

IN-112W

Solar Panel	Max Power	18V/18W(Germany Solarworld High efficiency Mono Silicon)	
	Lifespan	25 years	
Battery	Type	Lithum Battery 12V / 7AH	
	Lifespan	5 years	
LED Light Source	Power	12V / 12W	
	LED Chip	US Bridgelux 45mil, 1W/PC (12 pcs)	
	Luminance effect	1200~1400LM	
	CCT (k)	6000-6500K	
	Lifespan	50000 hours	
Working temperature	(-30℃-60℃)		
Mounting height	3 - 4m		
Operation mode	Motion sensor, light and time control		
Lamp housing material	Aluminum alloy		
Charging period	6-7 hours with good sunshine		
Discharging period	All-in 12 hours		
	3-4 days backup if bad weather at max power		
Certificate	ROHS,CE,IP65		
Package method	product size	350*310*45mm	
	N.W	3.5KG	
	Carton size	460*350*150mm	
	G.W	4 KG	
	Pkg method	1 ctns/set	



IN-220W

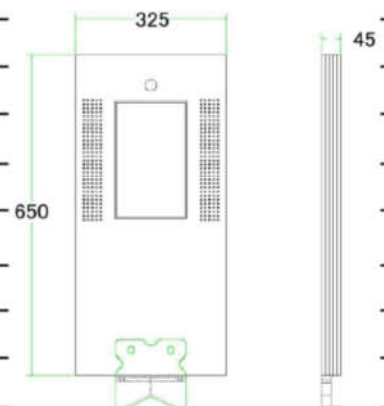
20W Integrated Solar Street Light



20W Integrated solar street light

IN-220W

Solar Panel	Max Power	18V/30W(Germany Solarworld High efficiency Mono Silicon)
	Lifespan	25 years
Battery	Type	Lithum Battery 12V / 13AH
	Lifespan	5 years
LED Light Source	Power	12V / 20W
	LED Chip	US Bridgelux 45mil, 1W/PC (21 pcs)
	Luminance effect	2400~2600LM
	CCT (k)	6000-6500K
	Lifespan	50000 hours
Working temperature	(-30℃-60℃)	
Mounting height	5 - 6m	
Operation mode	Motion sensor, light and time control, cellphone APP intelligent control	
Lamp housing material	Aluminum alloy	
Charging period	6-7 hours with good sunshine	
Discharging period	All-in 12 hours	
	3-4 days backup if bad weather at max power	
Certificate	ROHS,CE,IP65	
Package method	product size	650*325*45mm
	N.W	7KG
	Carton size	760*400*150mm
	G.W	8KG
	Pkg method	1 ctns/set





IN-225W

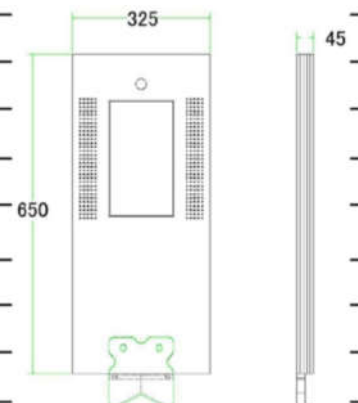
25W Integrated Solar Street Light



25W Integrated solar street light

IN-225W

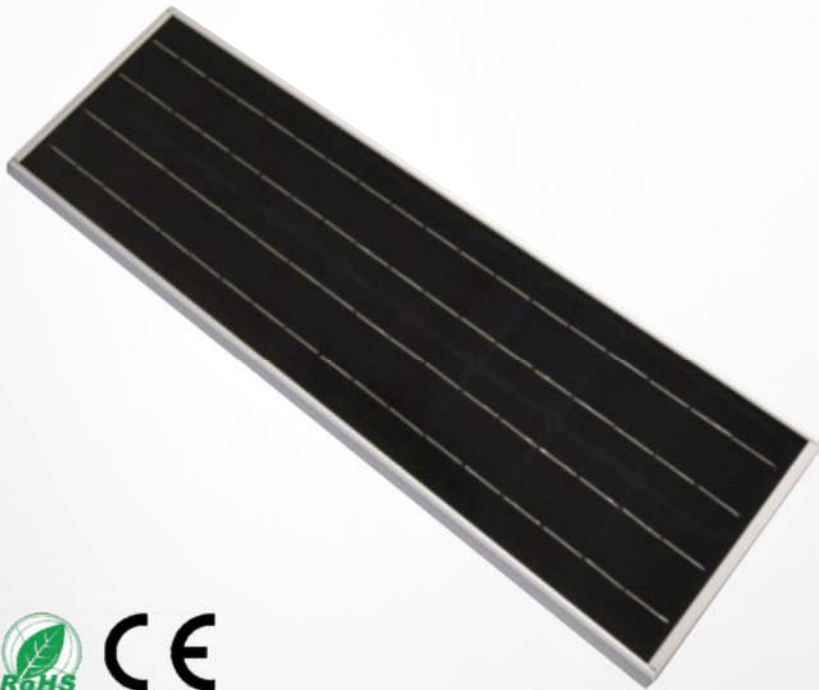
Solar Panel	Max Power	18V/30W(Germany Solarworld High efficiency Mono Silicon)	
	Lifespan	25 years	
Battery	Type	Lithum Battery 12V / 15AH	
	Lifespan	5 years	
LED Light Source	Power	12V / 25W	
	LED Chip	US Bridgelux 45mil, 1W/PC (30 pcs)	
	Luminance effect	3000~3600LM	
	CCT (k)	6000-6500K	
	Lifespan	50000 hours	
Working temperature	(-30℃-60℃)		
Mounting height	5 - 6m		
Operation mode	Motion sensor, light and time control, cellphone APP intelligent control		
Lamp housing material	Aluminum alloy		
Charging period	6-7 hours with good sunshine		
Discharging period	All-in 12 hours		
	3-4 days backup if bad weather at max power		
Certificate	ROHS,CE,IP65		
Package method	product size	650*325*45mm	
	N.W	7.2KG	
	Carton size	760*400*150mm	
	G.W	8.2KG	
	Pkg method	1 ctns/set	





IN-230W

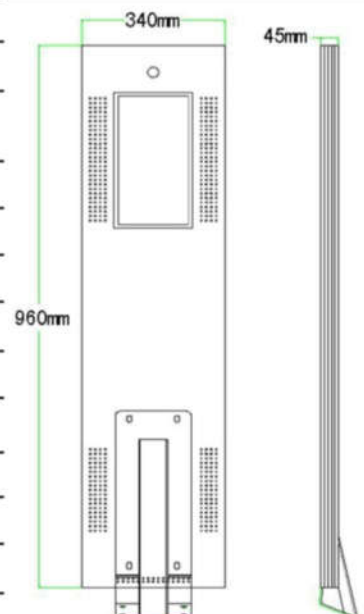
30W Integrated Solar Street Light



30W Integrated solar street light

IN-230W

Solar Panel	Max Power	18V/50W(Germany Solarworld High efficiency Mono Silicon)
	Lifespan	25 years
Battery	Type	Lithum Battery 12V / 20AH
	Lifespan	5 years
LED Light Source	Power	12V / 30W
	LED Chip	US Bridgelux 45mil, 1W/PC (30 pcs)
	Luminance effect	3600-3900LM
	CCT (k)	6000-6500K
	Lifespan	50000 hours
Working temperature	(-30℃-60℃)	
Mounting height	5 - 6m	
Operation mode	Motion sensor, light and time control, cellphone APP intelligent control	
Lamp housing material	Aluminum alloy	
Charging period	6-7 hours with good sunshine	
Discharging period	All-in 12 hours	
	3-4 days backup if bad weather at max power	
Certificate	ROHS,CE,IP65	
Package method	product size	960*340*45mm
	N.W	11KG
	Carton size	1060*400*200mm
	G.W	13KG
	Pkg method	1 ctns/set





IN-240W

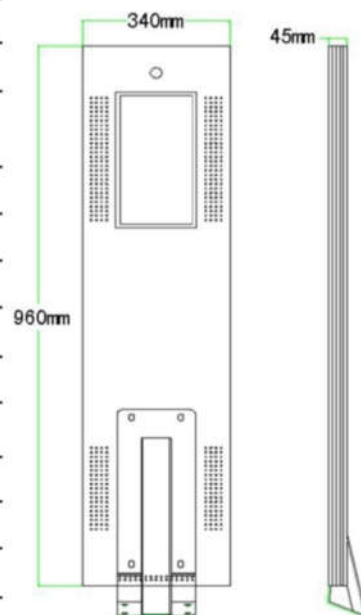
40W Integrated Solar Street Light



40W Integrated solar street light

IN-240W

Solar Panel	Max Power	18V/50W (Germany Solarworld High efficiency Mono Silicon)
	Lifespan	25 years
Battery	Type	Lithium Battery 12V / 22AH
	Lifespan	5 years
LED Light Source	Power	12V / 40W
	LED Chip	US Bridgelux 45mil, 1W/PC (42 pcs)
	Luminance effect	4800-5000LM
	CCT (k)	6000-6500K
	Lifespan	50000 hours
Working temperature	(-30℃-60℃)	
Mounting height	6 - 7m	
Operation mode	Motion sensor, light and time control, cellphone APP intelligent control	
Lamp housing material	Aluminum alloy	
Charging period	6-7 hours with good sunshine	
Discharging period	All-in 12 hours	
	3-4 days backup if bad weather at max power	
Certificate	ROHS, CE, IP65	
Package method	product size	960*340*45mm
	N.W	11KG
	Carton size	1060*400*200mm
	G.W	13KG
	Pkg method	1 ctns/set





IN-250W

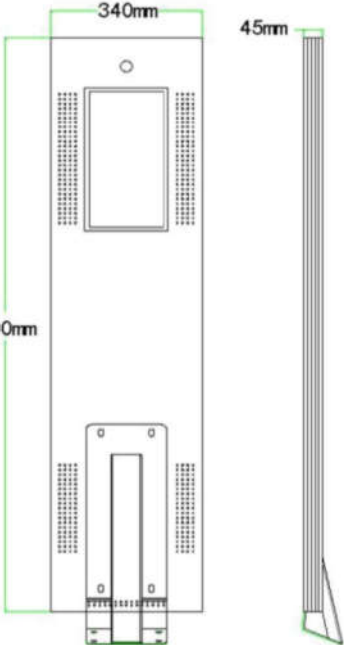
50W Integrated Solar Street Light

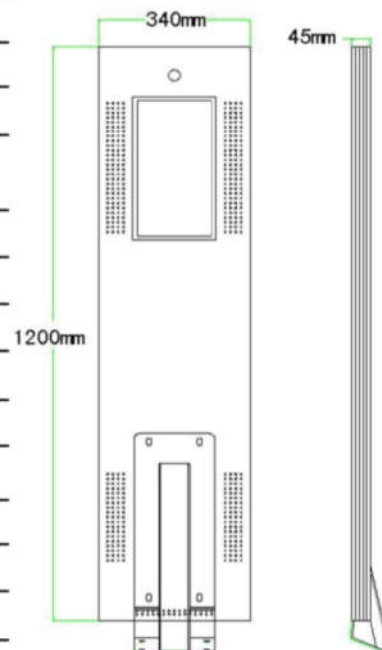


50W Integrated solar street light

IN-250W

Solar Panel	Max Power	18V/ 70W(Germany Solarworld High efficiency Mono Silicon)	
	Lifespan	25 years	
Battery	Type	Lithum Battery 12V / 30AH	
	Lifespan	5 years	
LED Light Source	Power	12V / 50W	
	LED Chip	US Bridgelux 45mil, 1W/PC (51 pcs)	
	Luminance effect	6000-6500LM	
	CCT (k)	6000-6500K	
	Lifespan	50000 hours	
Working temperature	(-30℃-60℃)		
Mounting height	7 - 8m		
Operation mode	Motion sensor, light and time control, cellphone APP intelligent control		
Lamp housing material	Aluminum alloy		
Charging period	6-7 hours with good sunshine		
Discharging period	All-in 12 hours		1200mm
	3-4 days backup if bad weather at max power		
Certificate	ROHS,CE,IP65		
Package method	product size	1200*340*45mm	
	N.W	17KG	
	Carton size	1345*400*200 mm	
	G.W	18KG	
	Pkg method	1 ctns/set	







IN-260W

60W Integrated Solar Street Light



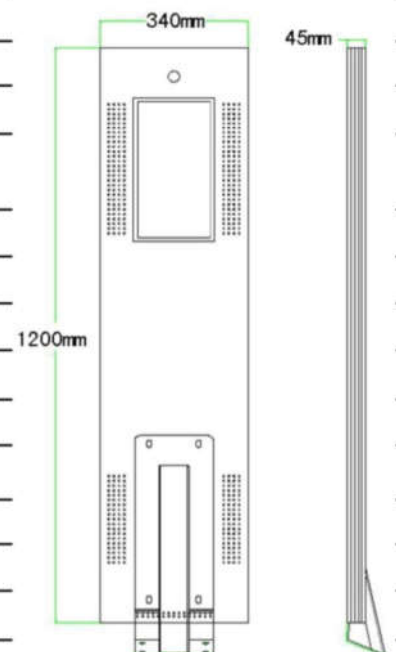
60W Integrated solar street light

IN-260W

Solar Panel	Max Power	18V/ 70W(Germany Solarworld High efficiency Mono Silicon)	
	Lifespan	25 years	
Battery	Type	Lithum Battery 12V / 30AH	
	Lifespan	5 years	
LED Light Source	Power	12V / 60W	
	LED Chip	US Bridgelux 45mil, 1W/PC (60 pcs)	
	Luminance effect	7200-7800LM	
	CCT (k)	6000-6500K	
	Lifespan	50000 hours	
Working temperature	(-30℃-60℃)		
Mounting height	7 - 8m		
Operation mode	Motion sensor, light and time control, cellphone APP intelligent control		
Lamp housing material	Aluminum alloy		
Charging period	6-7 hours with good sunshine		
Discharging period	All-in 12 hours		1200mm
	3-4 days backup if bad weather at max power		
Certificate	ROHS,CE,IP65		
Package method	product size	1200*340*45mm	
	N.W	17KG	
	Carton size	1345*400*200 mm	
	G.W	18KG	
	Pkg method	1 ctns/set	

Technical drawing of the solar lamp showing front, side, and top views with dimensions:

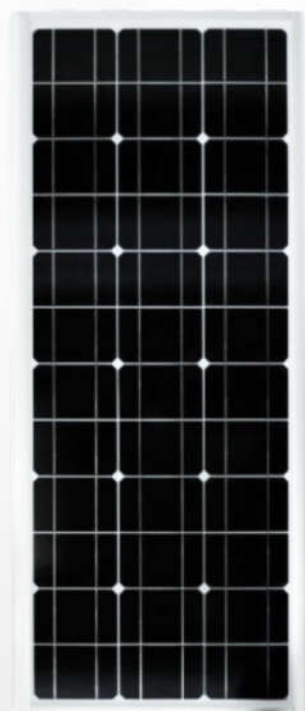
- Front view: 1200mm height, 340mm width.
- Side view: 45mm depth.
- Top view: 340mm width.





IN-280W

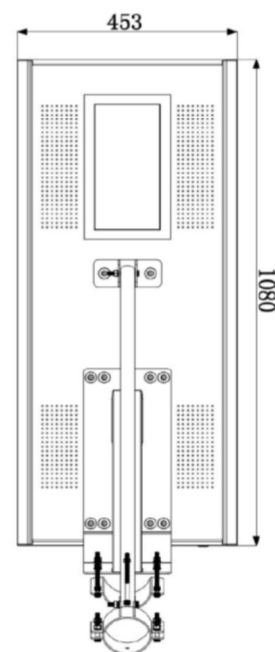
80W Integrated Solar Street Light



80W Integrated solar street light

IN-280W

Solar Panel	Max Power	18V/ 90W(Germany Solarworld High efficiency Mono Silicon)
	Lifespan	25 years
Battery	Type	Lithum Battery 12V / 45AH
	Lifespan	5 years
LED Light Source	Power	12V / 80W
	LED Chip	US Bridgelux 45mil, 1W/PC (84 pcs)
	Luminance effect	9600-10000LM
	CCT (k)	6000-6500K
	Lifespan	50000 hours
Working temperature	(-30℃-60℃)	
Mounting height	9 - 10m	
Operation mode	Motion sensor, light and time control, cellphone APP intelligent control	
Lamp housing material	Aluminum alloy	
Charging period	6-7 hours with good sunshine	
Discharging period	All-in 12 hours	
	3-4 days backup if bad weather at max power	
Certificate	ROHS,CE,IP65	
Package method	product size	1080*453*45mm
	N.W	19KG
	Carton size	1195*500*190mm
	G.W	21KG
	Pkg method	1 ctns/set





IN-290W

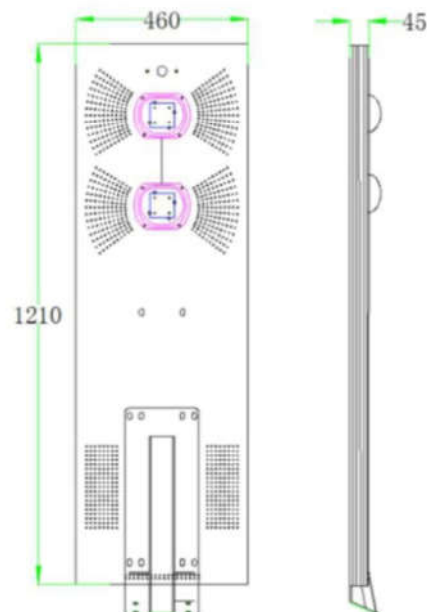
90W Integrated Solar Street Light



90W Integrated solar street light

IN-290W

Solar Panel	Max Power	18V/ 100W(Germany Solarworld High efficiency Mono Silicon)
	Lifespan	25 years
Battery	Type	Lithum Battery 12V / 50AH
	Lifespan	5 years
LED Light Source	Power	12V / 90W
	LED Chip	US Bridgelux 45mil
	Luminance effect	11000-12000LM
	CCT (k)	6000-6500K
	Lifespan	50000 hours
Working temperature	(-30℃-60℃)	
Mounting height	9 - 10m	
Operation mode	Motion sensor, light and time control, cellphone APP intelligent control	
Lamp housing material	Aluminum alloy	
Charging period	6-7 hours with good sunshine	
Discharging period	All-in 12 hours	
	3-4 days backup if bad weather at max power	
Certificate	ROHS,CE,IP65	
Package method	product size	1210*460*45mm
	N.W	21KG
	Carton size	1345*500*200mm
	G.W	23KG
	Pkg method	1 ctns/set





IN-2110W

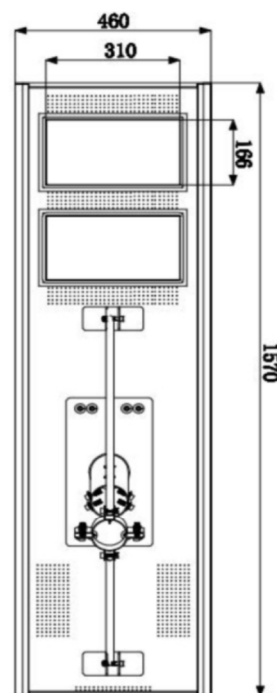
110W Integrated Solar Street Light



110W Integrated solar street light

IN-2110W

Solar Panel	Max Power	18V/ 130W(Germany Solarworld High efficiency Mono Silicon)
	Lifespan	25 years
Battery	Type	Lithum Battery 12V / 60AH
	Lifespan	5 years
LED Light Source	Power	12V / 110W
	LED Chip	US Bridgelux 45mil, 1W/PC (120pcs)
	Luminance effect	13000-14000LM
	CCT (k)	6000-6500K
	Lifespan	50000 hours
Working temperature	(-30℃-60℃)	
Mounting height	10-11m	
Operation mode	Motion sensor, light and time control, cellphone APP intelligent control	
Lamp housing material	Aluminum alloy	
Charging period	6-7 hours with good sunshine	
Discharging period	All-in 12 hours	
	3-4 days backup if bad weather at max power	
Certificate	ROHS,CE,IP65	
Package method	product size	1570*460*45mm
	N.W	22KG
	Carton size	1650*530*120mm
	G.W	24KG
	Accessory carton size	405x235x380mm (G.W: 5.5kg)
	Pkg method	2 ctns/set





IN-2120W

120W Integrated Solar Street Light



120W Integrated solar street light

IN-2120W

Solar Panel	Max Power	18V/ 130W(Germany Solarworld High efficiency Mono Silicon)
	Lifespan	25 years
Battery	Type	Lithum Battery 12V / 70AH
	Lifespan	5 years
LED Light Source	Power	12V / 120W
	LED Chip	US Bridgelux 45mil, 1W/PC (120pcs)
	Luminance effect	14000-15000LM
	CCT (k)	6000-6500K
	Lifespan	50000 hours
Working temperature	(-30℃-60℃)	
Mounting height	10-11m	
Operation mode	Motion sensor, light and time control, cellphone APP intelligent control	
Lamp housing material	Aluminum alloy	
Charging period	6-7 hours with good sunshine	
Discharging period	All-in 12 hours	
	3-4 days backup if bad weather at max power	
Certificate	ROHS,CE,IP65	
Package method	product size	1570*460*45mm
	N.W	23KG
	Carton size	1650*530*120mm
	G.W	25KG
	Accessory carton size	405x235x380mm (G.W: 5.5kg)
	Pkg method	2 ctns/set

