

2019 NEW

INTEGRITY . HIGH BRIGHTNESS . EASY-INSTALL
All-in-One & All-in-Two Designs

Compact SOLAR STREET LIGHT



CE

CONTENTS

- ALL IN ONE STANDARD SERIES --Page 2,3,4**
- ALL IN ONE I-CLOUD SERIES --Page 5**
- ALL IN ONE ELITE SERIES--Page 6**
- ALL IN ONE SPLIT SERIES--Page 7,8**
- HYBRID SERIES--Page 9**
- ALL IN TWO SERIES--Page 10,11,12**
- Working Mode for ALL IN ONE --Page 13**
- Working Mode for HYBRID SERIES --Page 14**
- Working Mode for ALL IN TWO --Page 15**

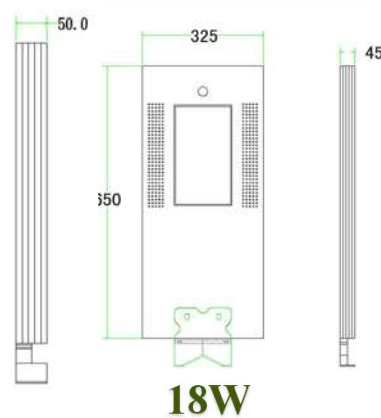
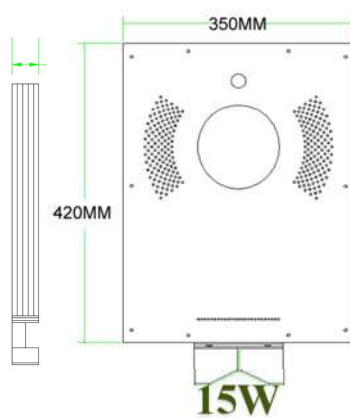
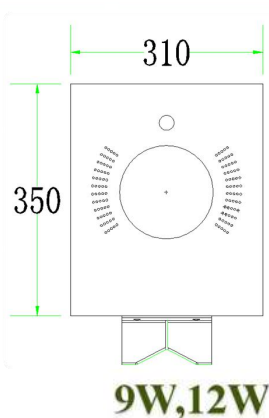
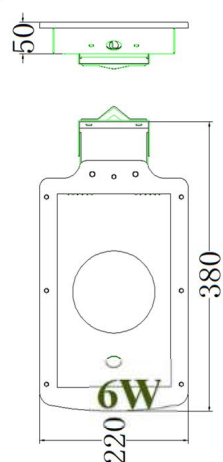
ALL IN ONE STANDARD SERIES

All In One(AIO) Solar LED Street Light

6W | 9W | 12W | 15W | 18W

Solar Type | All-In-One | Timer+Sensor

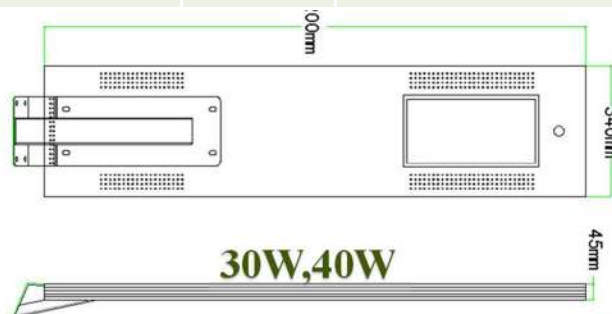
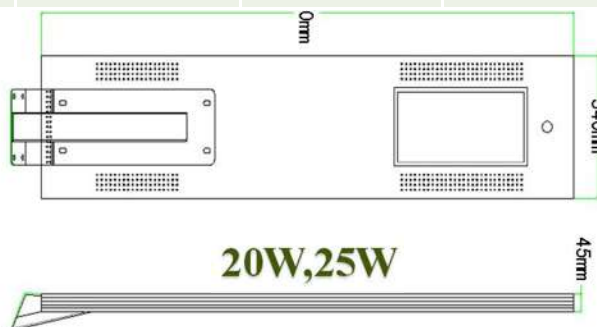
Model	LED	Luminous Flux	Solar PV	Lithium Battery	Install Height	CTN Weight/Size
SNSTY-206	6W/Epistar	600-650 lm	10W/18V	4AH/12V	2-3M	3KG/44*27*13CM
SNSTY-209	9W/Bridgelux	900-950 lm	25W/18V	9AH/12V	3-4M	5KG/46*35*15CM
SNSTY-212	12W/Bridgelux	1200-1300 lm	25W/18V	10AH/12V	3.5-4.5M	5KG/46*35*15CM
SNSTY-215	15W/Bridgelux	1500-1580 lm	28W/18V	13AH/12V	4-5M	6KG/52*40*15CM
SNSTY-218	18W/Bridgelux	1800-1900 lm	30W/18V	13AH/12V	4-5M	8KG/65*40*15CM



20W | 25W | 30W | 40W

Solar Type | All-In-One | Timer+Sensor+APP

Model	LED	Luminous Flux	Solar PV	Lithium Battery	Install Height	CTN Weight/Size
SNSTY-220	20W/Bridgelux	2100-2200 lm	50W/18V	18AH/12V	5-6M	13KG/107*40*20CM
SNSTY-225	25W/Bridgelux	2500-2700 lm	50W/18V	18AH/12V	5-6M	13KG/107*40*20CM
SNSTY-230	30W/Bridgelux	3000-3300 lm	65W/18V	30AH/12V	5-7M	18kg/132*40*20CM
SNSTY-240	40W/Bridgelux	4000-4300 lm	70W/18V	36AH/12V	7-8M	18kg/132*40*20CM



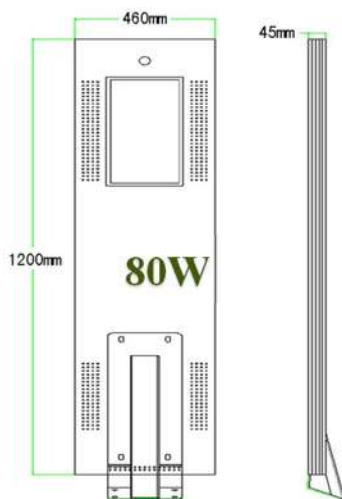
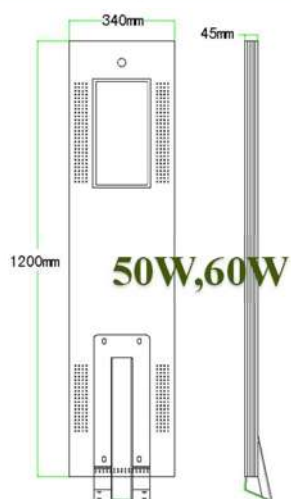
ALL IN ONE STANDARD SERIES

All In One(AIO) Sola LED Street Light

50W | 60W | 80W

Solar Type | All-In-One | Timer+Sensor+APP

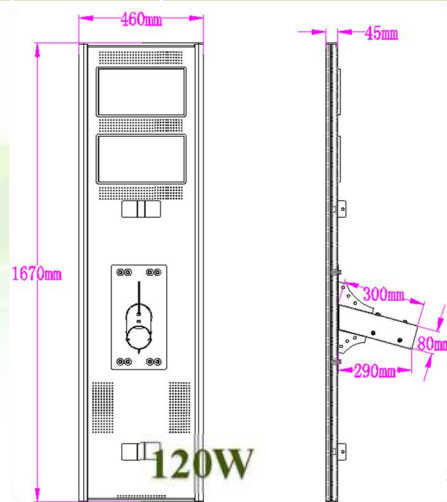
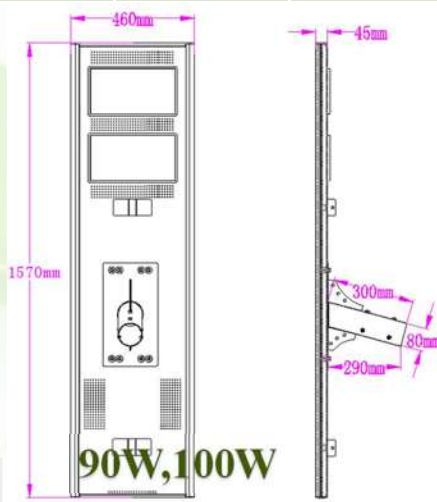
Model	LED	Luminous Lux	Solar PV	Lithium Battery	Install Height	CTN Weight/Size
SNSTY-250	50W/Bridgelux	5000-5500 lm	85W/18V	44AH/12V	7-9 M	19KG/132*40*20CM
SNSTY-260	60W/Bridgelux	6000-7000 lm	85W/18V	44AH/12V	8-9 M	24KG/132*51*20CM
SNSTY-280	80W/Bridgelux	8500-9000 lm	100W/18V	60AH/12V	8-10 M	25KG/132*51*20CM



90W | 100W | 120W

Solar Type | All-In-One | Timer+APP

Model	LED	Luminous Lux	Solar PV	Lithium Battery	Install Height	CTN Weight/Size
SNSTY-290	90W/Bridgelux	10000 lm	130W/18V	80AH/12V	9-10 M	26KG/165*53*12CM
SNSTY-2100	100W/Bridgelux	11000 lm	130W/18V	80AH/12V	9-11 M	26KG/165*53*12CM
SNSTY-2120	120W/Bridgelux	13000 lm	150W/18V	88AH/12V	11-12 M	27KG/173*53*12CM



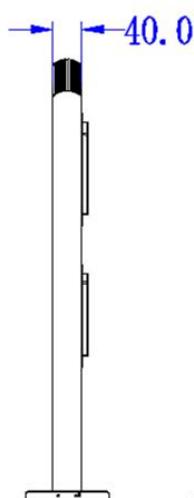
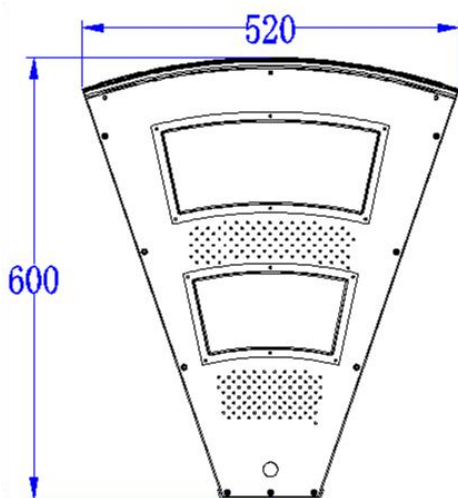
ALL IN ONE STANDARD SERIES

All In One(AIO) Solar LED Street Light

15W FAN SHAPE

Solar Type | All-In-One | Timer

Model	LED	Luminous Lux	Solar PV	Lithium Battery	Install Height	CTN Weight/Size
SNSTY-S15	15W/Epistar	1600-1700 lm	22W/18V	12AH/12V	3-8M	8KG/70*60*15CM

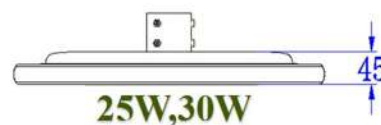
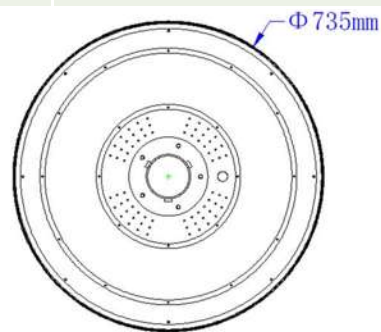
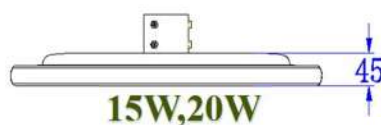
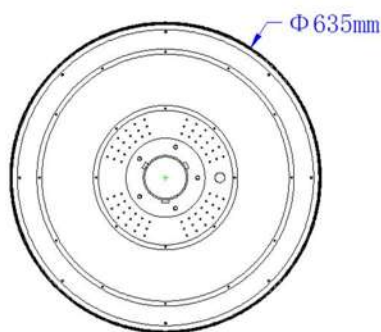


15W | 20W | 25W | 30W

ROUND SHAPE

Solar Type | All-In-One | Timer

Model	LED	Luminous Lux	Solar PV	Lithium Battery	Install Height	CTN Weight/Size
SNSTY-Y215	15W/Bridgelux	1600 lm	35W/18V	8AH/12V	4-5M	13KG/70*70*15CM
SNSTY-Y220	20W/Bridgelux	2100 lm	35W/18V	10AH/12V	4-5M	14KG/70*70*15CM
SNSTY-Y225	25W/Bridgelux	2600 lm	50W/18V	13AH/12V	5-6M	16KG/80*80*15CM
SNSTY-Y230	30W/Bridgelux	3000 lm	50W/18V	18AH/12V	5-6M	17KG/80*80*15CM



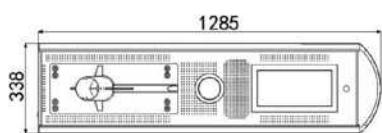
All In One(AIO) Solar LED Street Light

30W | 60W | 100W | 120W

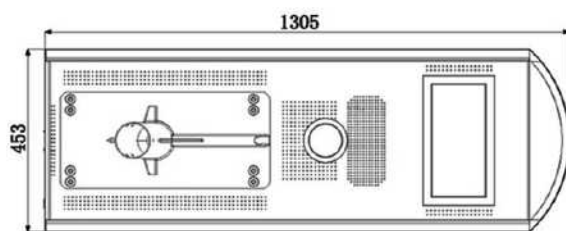
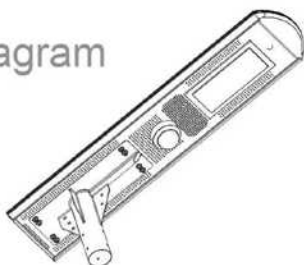
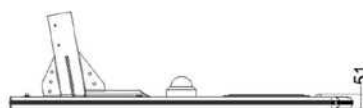
I-CLOUD SERIES

Solar Type | All-In-One | 4G/WIFI | Camera | Timer+APP

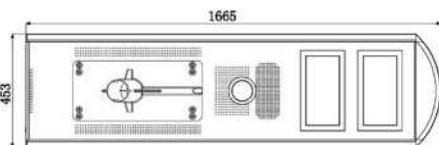
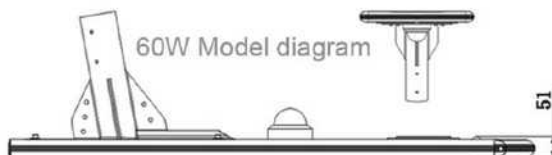
Model	LED	Luminous Lux	Solar PV	Lithium Battery	Install Height	CTN Weight/Size
SN-W230	30W/Bridgelux	3000-3300 lm	70W/18V	44 AH/12V	5-6 M	18KG/132*40*20CM
SN-W260	60W/Bridgelux	6000-6500 lm	90W/18V	61 AH/12V	7-8 M	24KG/132*51*20CM
SN-W2100	100W/Bridgelux	10000-11000 lm	130W/18V	77 AH/12V	9-11 M	26KG/165*53*20CM
SN-W2120	120W/Bridgelux	10000-11000 lm	150W/18V	88 AH/12V	9-12 M	27KG/175*53*20CM



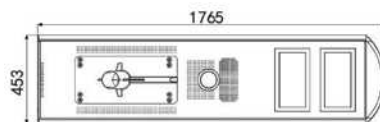
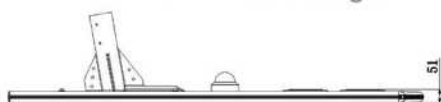
30W Model diagram



60W Model diagram



100W model diagram



120W model diagram



APP diaľkové ovládanie: (iba I-CLOUD séria)

1. Diaľkovo nastaviteľný režim svietenia
2. MASTER/SLAVE sieť svietidiel
3. Možnosť diaľkovo prehrať zvukový záznam
4. Možnosť diaľkovo prehrávať hudbu
5. VIDEO REAL-TIME monitoring
6. Diaľková funkcia ALARM
7. Tlačidlo ALARM na stožiar
8. Možnosť prehrávať VIDEO históriu – diaľkovo
9. Diaľkové automatické chybové hlásenie
10. GPRS pozícia



ALL IN ONE ELITE SERIES

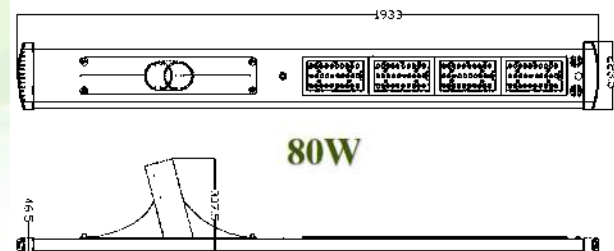
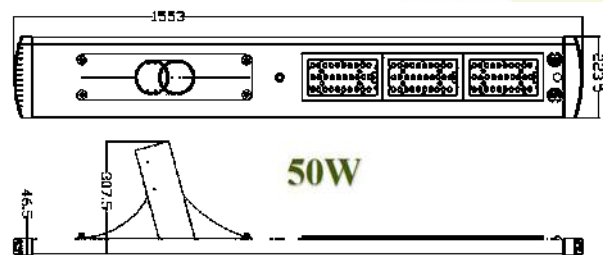
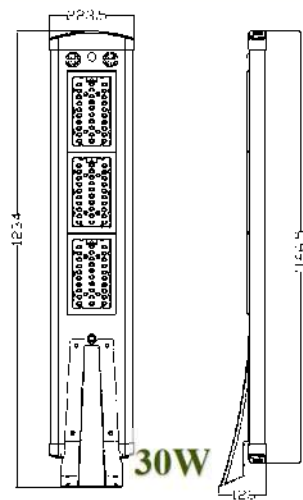
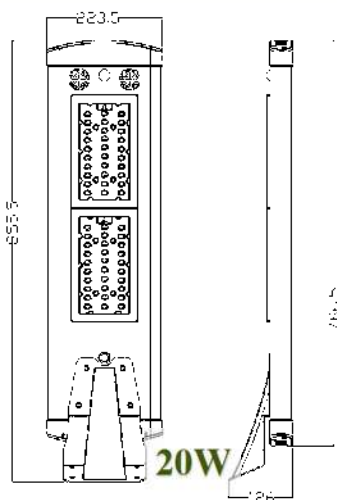
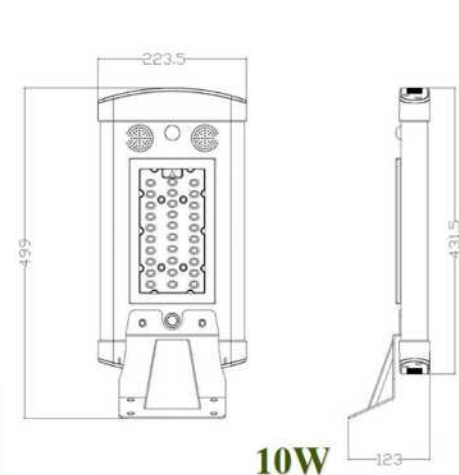
All In One(AIO) Solar LED Street Light

10W | 20W | 30W | 50W | 80W

ELITE SERIES

Solar Type | All-In-One | Timer+Sensor+APP

Model	LED	Luminous Lux	Solar PV	Lithium Battery	Install Height	CTN Weight/Size
ELITE-010	10W/Bridgelux	1000-1500 lm	7W/12V	48.8 WH/7.4V	3-4 M	5.3KG/55.5*30*20CM
ELITE-020	20W/Bridgelux	2000-3000 lm	15W/18V	146.5WH/11.1V	4-5 M	8.4KG/90.5*30*20CM
ELITE-030	30W/Bridgelux	3000-4000 lm	25W/18V	195.4WH/11.1V	5-6 M	11.6KG/130*30*20CM
ELITE-050	50W/Bridgelux	6000-6500 lm	35W/18V	244.2WH/11.1V	7-8 M	162*30*12CM(lamp) 50*14*29CM(accessory)
ELITE-080	80W/Bridgelux	8000-9000 lm	47W/18V	341.9WH/11.1V	8-10 M	200*30*12CM(lamp) 61*14*29CM(accessory)



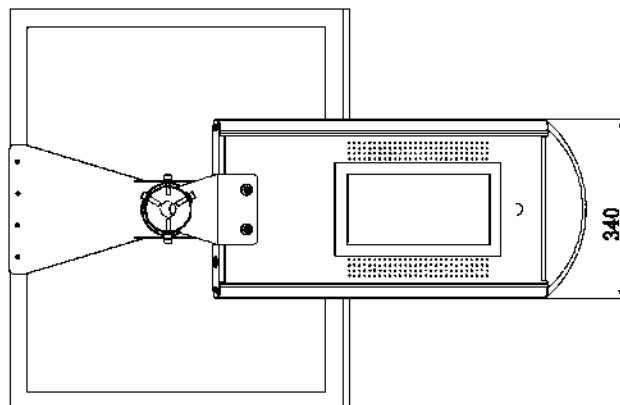
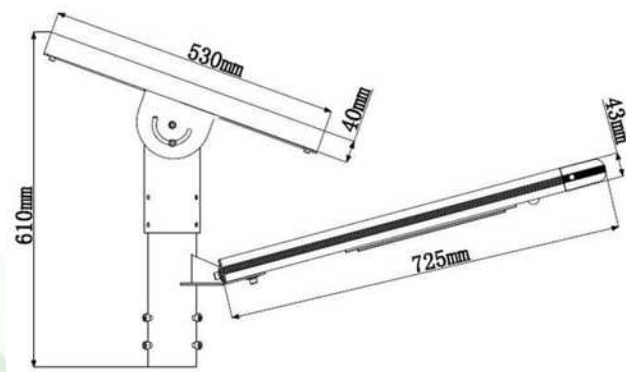
ALL IN ONE SPLIT SERIES

Split Solar LED Street Light

30W | 40W | 50W | 60W | 70W | 80W

Solar Type | Split Type SNF Series | Timer+Sensor+APP

Model	LED	Luminous Lux	Solar PV	Lithium Battery	Install Height	CTN Weight/Size
SNF-230	30W/Bridgelux	3500-4500 lm	65W/18V	18AH/12V	5-6 M	21KG/74*72*27CM
SNF-240	40W/Bridgelux	4500-5500 lm	70W/18V	30AH/12V	6-7 M	23KG/80*66*21CM
SNF-250	50W/Bridgelux	5000-5300 lm	80W/18V	36AH/12V	6-7 M	26KG/82*73*28CM
SNF-260	60W/Bridgelux	6500-7500 lm	90W/18V	44AH/12V	7-8 M	28KG/83*74*28CM
SNF-270	70W/Bridgelux	7000-7300 lm	100W/18V	44AH/12V	8-9 M	28KG/83*74*28CM
SNF-280	80W/Bridgelux	8000-8300 lm	100W/18V	44AH/12V	8-9 M	29KG/83*74*28CM

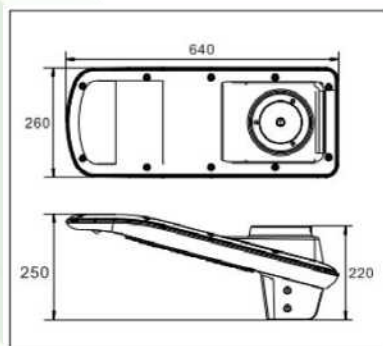


Split Solar LED Street Light

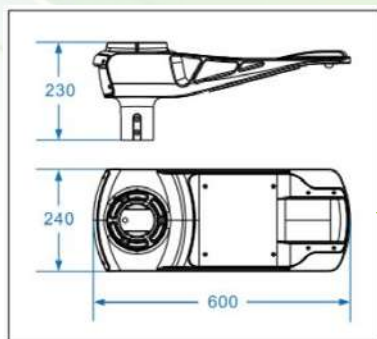
20W | 30W | 40W | 50W | 60W

Solar Type | Split Type G Series | Timer+Sensor+APP

Model	LED	Luminous Lux	Solar PV	Lithium Battery	Install Height	CTN Size
G02-30W	30W/Bridgelux	4000-5000 lm	60W/18V	244.2WH	4-6 M	69*33*32CM(lamp)/ 82.5*56.5*7.5CM(PV)
G02-40W	40W/Bridgelux	5000-6500 lm	60W/18V	293WH	5-7 M	69*33*32CM(lamp)/ 82.5*56.5*7.5CM(PV)
G02-50W	50W/Bridgelux	6500-7500 lm	80W/18V	341.9WH	6-8 M	69*33*32CM(lamp)/ 80*70*7.5CM(PV)
G02-60W	60W/Bridgelux	7500-8500 lm	80W/18V	390.7WH	7-9 M	69*33*32CM(lamp)/ 80*72*7.5CM(PV)
G03-20W	20W/Bridgelux	2500-3500 lm	35W/18V	146.5WH	3-5 M	69*33*32CM(lamp)/ 51*56.5*7.5CM(PV)
G03-30W	30W/Bridgelux	3000-4000 lm	50W/18V	195.4WH	4-6 M	69*33*32CM(lamp)/ 67*56.5*7.5CM(PV)
G03-40W	40W/Bridgelux	3500-4500 lm	50W/18V	219.8 WH	5-7 M	69*33*32CM(lamp)/ 67*56.5*7.5CM(PV)
G03-50W	50W/Bridgelux	3700-4700 lm	60W/18V	293WH	6-8 M	69*33*32CM(lamp)/ 82.5*56.5*7.5CM(PV)
G03-60W	60W/Bridgelux	4000-5000 lm	60W/18V	393WH	7-9 M	69*33*32CM(lamp)/ 82.5*56.5*7.5CM(PV)



G02 SERIES



G03 SERIES



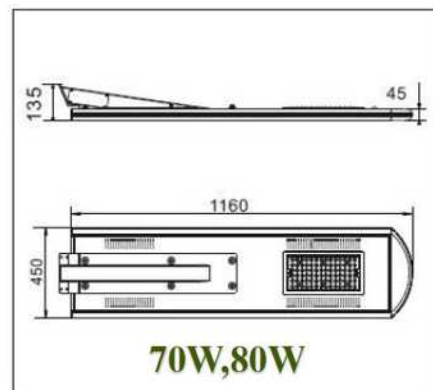
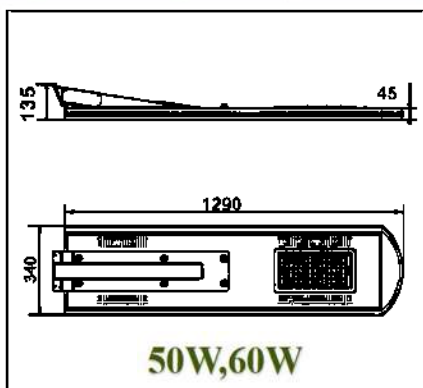
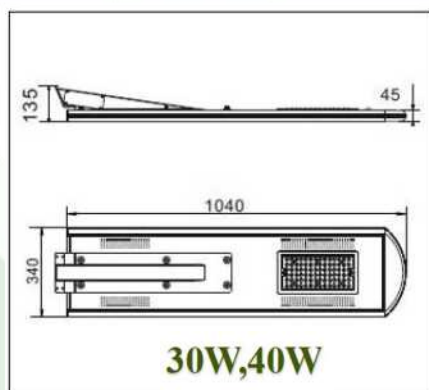
HYBRID SERIES

HYBRID Solar & Wind LED Street Light

30W | 40W | 50W | 60W | 70W | 80W

Hybrid(Solar+Wind)Type | Timer+Sensor+APP

Model	LED	Luminous Lux	Solar PV	Wind	Lithium Battery	Install Height	CTN Size
SNH-030	30W Bridgelux	3900-4500 lm	38W/18V	300W	266.4WH	4-6M	114*38.5*24.5CM(lamp)/ 58.5*38*22CM(Wind)
SNH-040	40W Bridgelux	5200-6000 lm	38W/18V	300W	319.6WH	5-7M	114*38.5*24.5CM(lamp)/ 58.5*38*22CM(Wind)
SNH-050	50W Bridgelux	6500-7500 lm	48W/18V	300W	319.6WH	6-8M	141*38.5*24.5CM(lamp)/ 58.5*38*22CM(Wind)
SNH-060	60W Bridgelux	7800-9000 lm	48W/18V	300W	426.2WH	7-9M	141*38.5*24.5CM(lamp)/ 58.5*38*22CM(Wind)
SNH-070	70W Bridgelux	9100-10500 lm	65W/18V	300W	479.5WH	8-10M	141*38.5*24.5CM(lamp)/ 58.5*38*22CM(Wind)
SNH-080	80W Bridgelux	10400-12000 lm	65W/18V	300W	532.8WH	9-11M	141*38.5*24.5CM(lamp)/ 58.5*38*22CM(Wind)



ALL IN TWO SERIES

ALL IN TWO(AIT) SOLAR Street Light

15W | 20W | 30W | 40W | 50W | 60W

ALL IN TWO SERIES

With Separate Solar PV

Model No.	SN-U15W	SN-U20W	SN-U30W	SN-U40W	SN-U50W	SN-U60W
Fixture IP	IP67					
LED Power Max	15W	20W	30W	40W	50W	60W
Luminous Flux	>2,200lm	>2,800lm	>3,600lm	>5,200lm	>6,200lm	>7,200lm
Beam angle	140*70 Degrees					
Color Temp.	2700K ~ 6500K Optional					
CRI	>83					
LED Brand	Philips SMD3030					
LED Qty	48Pcs		72Pcs		90Pcs	
Battery Capacity	195WH 12V	293WH 12V	391WH 12V	488WH 12V	548WH 12V	635WH 12V
Charge Time	6 Hours					
Max Discharge Time	>48 Hours					
Controller Type	PWM type with sensor		MPPT type with sensor			
Solar Panel(Poly)	40W 18V	50W 18V	60W 18V	80W 18V	100W 18V	120W 18V
V.mp. of PV	18V	18V	18V	18V	18V	18V
I.mp. of PV	2.22A	2.78A	3.33A	4.45A	5.56A	6.67A
PV Size(mm)	670*390*25	620*535*30	670*560*25	760*670*30	1000*680*30	1050*670*30
Flexible PV Option	Thin Film 40W Semi Flex 40W	Thin Film 52W Semi Flex 50W	Thin Film 65W Semi Flex 60W	Thin Film 79W Semi Flex 80W	Thin Film 105W Semi Flex 100W	Thin Film 144W Semi Flex 120W
Working Temp.	-20 ° C ~ +65 ° C					
Lighting Modes	Remote Control Unit					
Pole Height	3~4 M	3~5M	3~6M	4~6M	5~8M	6~12M
Packing	2PCS/CTN, CTN SIZE: 65*32*36CM, QTY/20GP : 720PCS, QTY/40HQ : 1500PCS					



ALL IN TWO SERIES

ALL IN TWO(AIT) SOLAR Flood Light

15W | 20W | 30W | 40W | 50W | 60W

ALL IN TWO SERIES With Separate Solar PV

Model No.	SN-S15W	SN-S20W	SN-S30W	SN-S40W	SN-S50W	SN-S60W
Fixture IP	IP67					
LED Power Max	15W	20W	30W	40W	50W	60W
Luminous Flux	>2,200lm	>2,800lm	>3,600lm	>5,200lm	>6,200lm	>7,200lm
Beam angle	140*70 Degrees					
Color Temp.	2700K ~ 6500K Optional					
CRI	>83					
LED Brand	SMD 0.2W	Philips SMD3030				
LED Qty	224 Pcs	48 Pcs	72 Pcs		90 Pcs	
Battery Capacity	195WH 12V	268WH 12V	391WH 12V	488WH 12V	548WH 12V	635WH 12V
Charge Time	6 Hours					
Max Discharge Time	>48 Hours					
Controller Type	PWM type with sensor		MPPT type with sensor			
Solar Panel(Poly)	40W 18V	50W 18V	60W 18V	80W 18V	100W 18V	120W 18V
V.mp. of PV	18V	18V	18V	18V	18V	18V
I.mp. of PV	2.22A	2.78A	3.33A	4.45A	5.56A	6.67A
PV Size(mm)	670*390*25	620*535*30	670*560*25	760*670*30	1000*680*30	1050*670*30
Flexible PV Option	Thin Film 40W Semi Flex 40W	Thin Film 52W Semi Flex 50W	Thin Film 65W Semi Flex 60W	Thin Film 79W Semi Flex 80W	Thin Film 105W Semi Flex 100W	Thin Film 144W Semi Flex 120W
Working Temp.	-20 ° C ~ +65 ° C					



ALL IN TWO SERIES

ALL IN TWO(AIT) SOLAR Batten Light

12W | 18W | 24W | 36W | 48W

ALL IN TWO SERIES
With Separate Solar PV

Model No.	SN-X1500	SN-X2200	SN-X3000	SN-X4200	SN-X5500
Fixture IP	IP67				
Actual Size	92*84*600mm	92*84*600mm	92*84*900mm	92*84*900mm	92*84*1200mm
LED Type	SMD2835 144pcs	SMD2835 192pcs	SMD2835 264pcs	SMD2835 384pcs	SMD2835 504pcs
CCT Range	3000K~6500K				
Power max	12W	18W	24W	36W	48W
Efficiency max	1500lm	2200lm	3000lm	4200lm	5500lm
Viewing Angle	120°				
Sensor Type	Microwave Sensor				
Battery Capacity	144WH 12V	216WH 12V	288WH 12V	396WH 12V	528WH 12V
Charge Time	6 Hours				
Max Discharge Time	>48 Hours				
Controller Type	Programmable PWM Solar Controller		Programmable MPPT Solar Controller		
Solar Panel(Poly)	40W 18V	50W 18V	60W 18V	80W 18V	100W 18V
Panel Size	670*390*25mm	620*535*25mm	670*560*25mm	760*670*30mm	1000*680*30mm
Flexible PV Option	Thin Film 40W Semi Flex 40W	Thin Film 52W Semi Flex 50W	Thin Film 65W Semi Flex 60W	Thin Film 79W Semi Flex 80W	Thin Film 105W Semi Flex 100W
Working Temp.	-20 ° C ~ +65 ° C				
Control Method	Manual ON/OFF + Automatically ON/OFF				
Lighting Modes	72 lighting modes optional by remote control				
N.W/Light	3.30Kg	3.85Kg	4.75Kg	5.80Kg	7.70Kg
G.W/Light	3.70Kg	4.15Kg	5.20Kg	6.15Kg	8.20Kg
Qty/CTN	6Pcs	6Pcs	6Pcs	6Pcs	4Pcs
CTN Size	70*22*30CM	70*22*30CM	100*22*30CM	100*22*30CM	130*22*21CM



Working Mode For All In One Series

--Model: SNSTY-206

Working Mode: PIR Motion Sensor

PIR motion sensor: 100% LED power lighting when movement detected, last 60 secs, then change to 30% LED power lighting if no movement detected.

--Model: SNSTY-209, SNSTY-212, SNSTY-215, SNSTY-218

Working Mode: Timer+PIR Motion Sensor

First half night (6 hours): 100% LED power lighting when movement detected, last 30 secs, then change to 50% LED power lighting if no movement detected.

Second half night (6 hours): 60% LED power lighting when movement detected, last 30 secs, then change to 30% LED power lighting if no movement detected.

--Model: SNSTY-220, SNSTY-225, SNSTY-230, SNSTY-240, SNSTY-250, SNSTY-260, SNSTY-280

Working Mode: Timer+PIR Motion Sensor+APP

First half night (6 hours): 100% LED power lighting when movement detected, last 30 secs, then change to 50% LED power lighting if no movement detected.

Second half night (6 hours): 60% LED power lighting when movement detected, last 30 secs, then change to 30% LED power lighting if no movement detected.

APP: Cellphone APP software, compatible with Android or IOS system.

--Model: SNSTY-290, SNSTY-2100, SNSTY-2120

Working Mode: Timer+APP

First stage (3 hours): 100% LED working power;

Second stage (3 hours): 60% LED working power;

Third stage (6 hours): 30% LED working power.

APP: Cellphone APP software, compatible with Android or IOS system.

--Model: SNSTY-Y230, SNSTY-S15 (SPECIAL SHAPE, FAN AND ROUND)

Working Mode: Timer

First stage (3 hours): 100% LED working power;

Second stage (3 hours): 60% LED working power;

Third stage (6 hours): 30% LED working power.

SPLIT TYPE--Model: SNF-230, SNF-240, SNF-250, SNF-260, SNF-280, G02(30W-60W), G03(20W-60W)

Working Mode: Timer+PIR Motion Sensor+APP

First half night (6 hours): 100% LED power lighting when movement detected, last 30 secs, then change to 50% LED power lighting if no movement detected.

Second half night (6 hours): 60% LED power lighting when movement detected, last 30 secs, then change to 30% LED power lighting if no movement detected.

APP: Cellphone APP software, compatible with Android or IOS system.

I-CLOUD & ELITE SERIES --Model: SN-W230, SN-W260, SN-W2100, SN-W2120,

ELITE SERIES(10W, 20W, 30W, 50W, 80W)

Working Mode: Timer+PIR Motion Sensor+APP

First half night (6 hours): 100% LED power lighting when movement detected, last 30 secs, then change to 50% LED power lighting if no movement detected.

Second half night (6 hours): 60% LED power lighting when movement detected, last 30 secs, then change to 30% LED power lighting if no movement detected.

APP: Cellphone APP software, compatible with Android or IOS system.

HYBRID SERIES --Model: SNH-030, SNH-040, SNH-050, SNH-060, SNH-070, SNH-080

Working Mode: Timer+PIR Motion Sensor+APP

First half night (6 hours): 100% LED power lighting when movement detected, last 30 secs, then change to 80% LED power lighting if no movement detected.

Second half night (6 hours): 80% LED power lighting when movement detected, last 30 secs, then change to 60% LED power lighting if no movement detected.

APP: Cellphone APP software, compatible with Android or IOS system.