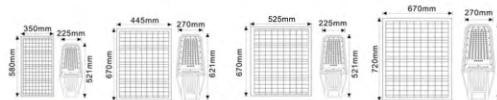




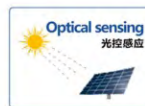


## 太阳能路灯

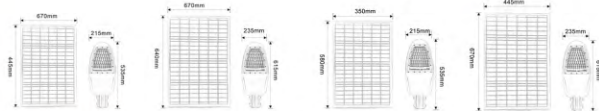
SOLAR STREET LAMP



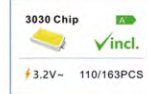
### 产品参数 PRODUCT PARAMETERS



Model	ZP98100W	ZP98150W	ZP98200Wpro	ZP98400Wpro
Control Mode	Light Control+ Remote Control			
Solar Panel	6V/30W	6V/45W	18V/60W	18V/80W
Battery	3.2V/36000mAh	3.2V/48000mAh	3.2V/60000mAh	3.2V/72000mAh
Led Chip	80pcs 5054	110pcs 5054	80pcs 5054	110pcs 5054
Material	ABS+Die-Casting Aluminum			
IP Rate	IP65	IP65	IP65	IP65
Charging Time	4-6H	4-6H	4-6H	4-6H
Color Temperature	3000K-6500K	3000K-6500K	3000K-6500K	3000K-6500K
Lamp Size	521*225*90mm	521*270*90mm	521*225*90mm	621*270*90mm
Solar Panel Size	580*350*17mm	670*445*25mm	670*525*30mm	720*670*30mm

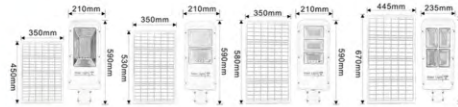


#### PRODUCT PARAMETERS



Model	ZP88150W	ZP88200W	ZP88150GC	ZP88200GC
Control Mode	Light Control+ Remote Control			
Solar Panel	6V/30W	6V/45W	6V/45W	6V/65W
Battery	3.2V/36000mAh	3.2V/48000mAh	3.2V/48000mAh	3.2V/60000mAh
Led Chip	110pcs 3030	163pcs 3030	110pcs 3030	163pcs 3030
Material	Die-Casting Aluminum			
IP Rate	IP65	IP65	IP65	IP65
Charging Time	4-6H	4-6H	4-6H	4-6H
Color Temperature	6500-8000k	6500-8000k	6500-8000k	6500-8000k
Lamp Size	535*215*90mm	615*235*90mm	535*215*90mm	615*235*90mm
Solar Panel Size	580*350*17mm	670*445*25mm	670*445*25mm	670*640*30mm
Installation Height	4-6M	5-7M	6-7M	6-8M
Irradiation Area	160m <sup>2</sup>	200m <sup>2</sup>	200m <sup>2</sup>	300m <sup>2</sup>



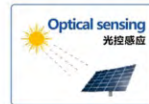
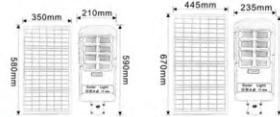


**PRODUCT PARAMETERS**



Model	ZP79100W	ZP79150W	ZP79180W	ZP79300W
Control Mode	Light Control+ Remote Control			
Solar Panel	6V/22W	6V/28W	6V/30W	6V/45W
Battery	3.2V/24000mAh	3.2V/30000mAh	3.2V/36000mAh	3.2V/48000mAh
Led Chip	280pcs 5730	300pcs 5730	363pcs 5730	484pcs 5730
Material	Die-Casting Aluminum			
IP Rate	IP65	IP65	IP65	IP65
Charging Time	4-6H	4-6H	4-6H	4-6H
Color Temperature	3000k-6500k			
Lamp Size	590*210*45mm	590*210*45mm	590*210*45mm	640*235*45mm
Solar Panel Size	450*350*17mm	530*350*17mm	580*350*17mm	670*445*25mm
Installation Height	4-5M	4-5M	5-6M	6-7M
Irradiation Area	100m <sup>2</sup>	120m <sup>2</sup>	150m <sup>2</sup>	200m <sup>2</sup>





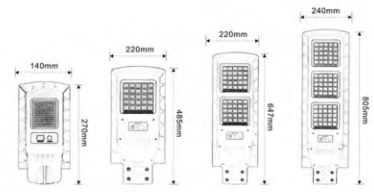
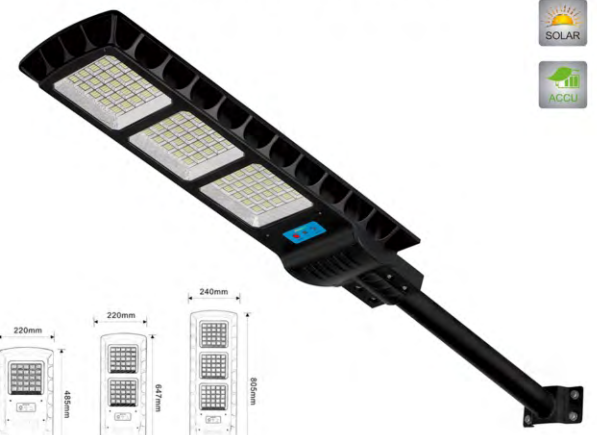
#### PRODUCT PARAMETERS

Model	ZP79200W	ZP79400W
Control Mode	Light Control+ Remote Control	
Solar Panel	6V/30W	6V/45W
Battery	3.2V/36000mAh	3.2V/48000mAh
Led Chip	640pcs 2835	936pcs 2835
Material	Die-Casting Aluminum	
IP Rate	IP65	IP65
Charging Time	3-5H	3-5H
Color Temperature	3000k-6500k	3000k-6500K
Lamp Size	590*210*45mm	640*235*45mm
Solar Panel Size	580*350*17mm	670*445*25mm
Installation Height	5-6M	6-7M
Irradiation Area	160m <sup>2</sup>	200m <sup>2</sup>





INTEGRATED SOLAR STREET LAMP

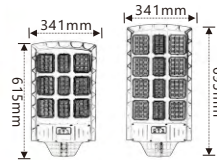
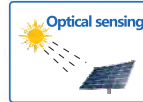


PRODUCT PARAMETERS



Model	ZP1960W	ZP19100W	ZP19200W	ZP19300W
Control Mode	Light Control+ Remote Control / Radar Sensing			
Solar Panel	5V/4W	5V/10W	5V/14W	5V/20W
Battery	3.2V/4000mAh	3.2V/12000mAh	3.2V/18000mAh	3.2V/24000mAh
Led Chip	180pcs 2835	300pcs 2835	600pcs 2835	900pcs 2835
Material	ABS Engineering Plastic			
IP Rate	IP65	IP65	IP65	IP65
Charging Time	4-6H	4-6H	4-6H	4-6H
Color Temperature	3000K-6500K	3000K-6500K	3000K-6500K	3000K-6500K
Lamp Size	270*140*45mm	485*220*70mm	647*220*70mm	805*240*70mm
Installation Height	3-4M	4-5M	4-5M	5-6M
Irradiation Area	40m <sup>2</sup>	70m <sup>2</sup>	100m <sup>2</sup>	130m <sup>2</sup>

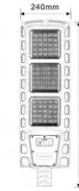


**INTEGRATED SOLAR STREET LAMP**

**PRODUCT PARAMETERS**

**Optical sensing**

**2835 Chip**
**Vincl.**
**3.2V~ 1152/1536 PCS**

Model	ZP 19400W	ZP 19600W
Control Mode	Light Control+ Remote Control / Radar Sensing	
Solar Panel	5V/26W	5V/30W
Battery	3.2V/24000mAh	3.2V/30000mAh
Led Chip	1152 pcs 2835	1536 pcs 2835
Material	ABS Engineering Plastic	
IP Rate	IP65	IP65
Charging Time	4-6H	4-6H
Color Temperature	3000K-6500K	3000K-6500K
Lamp Size	615*341*74mm	695*341*74mm
Installation Height	4-6M	4-7M
Irradiation Area	150m <sup>2</sup>	170m <sup>2</sup>

INTEGRATED SOLAR STREET LAMP



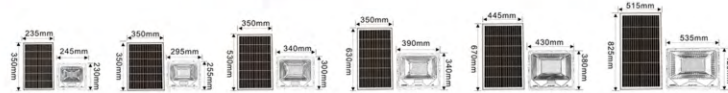
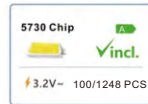
PRODUCT PARAMETERS

Model	ZP 68200W	ZP68300W
Control Mode	Light Control + Remote Control / Radar Sensing	
Solar Panel	5V/14W	5V/20W
Battery	3.2V/18000mAh	3.2V/24000mAh
Led Chip	600pcs 2835	900pcs 2835
Material	Aluminum	Aluminum
IP Rate	IP65	IP65
Charging Time	4-6H	4-6H
Color Temperature	3000K-6500K	3000K-6500K
Lamp Size	647*220*70 mm	805*240*70 mm
Installation Height	4-5M	4-6M
Irradiation Area	100m <sup>2</sup>	130m <sup>2</sup>





## SOLAR FLOOD LIGHT



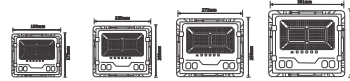
### PRODUCT PARAMETERS

Model	ZP39100W	ZP39200W	ZP39300W	ZP39600W	ZP39800W	ZP391000W
Control Mode	Light Control + Remote Control					
Solar Panel	5V/12W	6V/18W	6V/28W	6V/35W	6V/45W	6V/60W
Battery	3.2V,6000mAh	3.2V,12000mAh	3.2V,18000mAh	3.2V,24000mAh	3.2V,42000mAh	3.2V,54000mAh
Led Chip	100pcs 5730	144pcs 5730	224pcs 5730	567pcs 5730	840pcs 5730	1248pcs 5730
Material	Die-Casting Aluminum					
IP Rate	IP67	IP67	IP67	IP67	IP67	IP67
Charging Time	4-6H	4-6H	4-6H	4-6H	4-6H	4-6H
Color Temperature	3000K-6500K	3000K-6500K	3000K-6500K	3000K-6500K	3000K-6500K	3000K-6500K
Lamp Size	245*230*60mm	295*255*75mm	340*300*85mm	390*340*85mm	430*380*85mm	535*420*85mm
Solar Panel Size	350*235*17mm	350*350*17mm	530*350*17mm	630*350*17mm	670*445*25mm	825*515*25mm
Installation Height	3-4M	3-4M	4-5M	5-6M	5-7M	5-8M
Irradiation Area	90m <sup>2</sup>	120m <sup>2</sup>	150m <sup>2</sup>	200m <sup>2</sup>	260m <sup>2</sup>	320m <sup>2</sup>



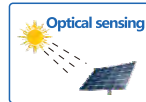


# ALUMINUM PROFILE INTEGRATED SOLAR FOOLD LIGHT



## PRODUCT PARAMETERS

Model	ZP2960W	ZP29120W	ZP29180W	ZP29260W
Control Mode	Light Control+ Remote Control			
Solar Panel	6V10W	6V10W	6V18W	6V22W
Battery	3.2V/5000mAh	3.2V/6000mAh	3.2V/12000mAh	3.2V/18000mAh
Led chip	56PCS-5730	144PCS-5730	288PCS-5730	380PCS-5730
Material	ABS	ABS	ABS	ABS
IP Rate	IP67	IP67	IP67	IP67
Charging Time	4-6 H	4-6 H	4-6 H	4-6 H
Color Temperature	3000k/6500K	3000k/6500K	3000k/6500K	3000k/6500K
Lamp Size	193*173*48mm	233*203*48mm	272*256*48mm	301*267*48mm
Installation Height	2-3 M	3-4 M	4-5 M	5-6M
Irradiation Area	90m²	110m²	150m²	200m²



3.2V~ 56/380 PCS





# ALUMINUM PROFILE INTEGRATED SOLAR STREET LAMP



## PRODUCT PARAMETERS

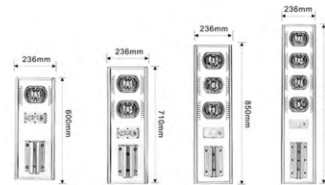


Model	ZP 7750W	ZP 77100W	ZP 77150W	ZP 77200W
Control Mode	Light Control + Remote Control / Radar Sensing			
Solar Panel	Poly(5V/15W)	Poly(5V/18W)	Poly(5V/23W)	Poly(5V/30W)
Battery	3.2V/1800mAh	3.2V/2400mAh	3.2V/3000mAh	3.2V/3600mAh
Led Chip	50pcs 3030	100pcs 3030	150pcs 3030	200pcs 3030
Material	Aluminum	Aluminum	Aluminum	Aluminum
IP Rate	IP65	IP65	IP65	IP65
Charging Time	3-5H	3-5H	3-5H	3-5H
Color Temperature	6500K-7000K	6500K-7000K	6500K-7000K	6500K-7000K
Lamp Size	600*236*55mm	710*236*55mm	850*236*55mm	1100*236*55mm
Installation Height	4-5M	4-5M	5-6M	6-7M
Irradiation Area	90㎡	150㎡	270㎡	360㎡

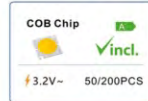




# ALUMINUM PROFILE INTEGRATED SOLAR STREET LAMP

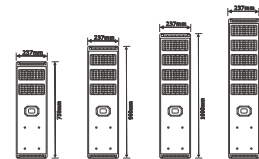
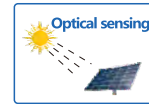


## PRODUCT PARAMETERS



Model	ZP 7750WCOB	ZP77100WCOB	ZP77150WCOB	ZP 77200WCOB
Control Mode	Light Control+ Remote Control / Radar Sensing			
Solar Panel	6V/15W	6V/20W	6V/25W	6V/30W
Battery	3.2V/18000mAh	3.2V/24000mAh	3.2V/30000mAh	3.2V/36000mAh
Led Chip	COBx1	COBx2	COBx3	COBx4
Material	Aluminum	Aluminum	Aluminum	Aluminum
IP Rate	IP65	IP65	IP65	IP65
Charging Time	4-6H	4-6H	4-6H	4-6H
Color Temperature	3000K-6500K	3000K-6500K	3000K-6500K	3000K-6500K
Lamp Size	600*236*55mm	710*236*55mm	850*236*55mm	1100*236*55mm
Installation Height	4-5M	4-5M	5-6M	6-7M
Irradiation Area	100m <sup>2</sup>	130m <sup>2</sup>	160m <sup>2</sup>	200m <sup>2</sup>





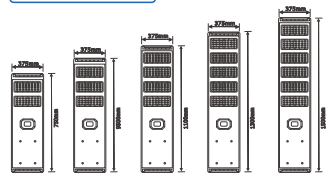
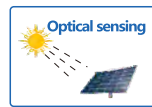
### PRODUCT PARAMETERS

Model	ZP78100W	ZP78150W	ZP78200W	ZP78300W
Control Mode	Light Control+ Remote control / Radar sensing			
Solar Panel	5V/20W Monocrystalline silicon	5V/27W Monocrystalline silicon	5V/32W Monocrystalline silicon	5V/38W Monocrystalline silicon
Battery	3.2V/24000mAh	3.2V/30000mAh	3.2V/36000mAh	3.2V/42000mAh
Led chip	90 PCS 5054	135 PCS 5054	180 PCS 5054	225 PCS 5054
Material	Aluminum	Aluminum	Aluminum	Aluminum
IP Rate	IP65	IP65	IP65	IP65
Charging Time	4-6 H	4-6 H	4-6 H	4-6 H
Color Temperature	3000k/6500K	30500k/6500K	3000k/6500K	3000k/6500K
Lamp Size	750*237*48mm	900*237*48mm	1000*237*48mm	1150*237*48mm
Installation Height	3-4 M	4-5 M	5-6 M	6-7 M
Irradiation Area	200m <sup>2</sup>	240m <sup>2</sup>	300m <sup>2</sup>	360m <sup>2</sup>





# ALUMINUM PROFILE INTEGRATED SOLAR STREET LAMP



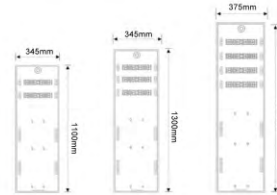
## PRODUCT PARAMETERS

Model	ZP28200W	ZP28300W	ZP28400W	ZP28500W	ZP28600W
Control Mode	Light Control+ Remote control / Radar sensing				
Solar Panel	5V/45W Monocrystalline silicon	5V/55W Monocrystalline silicon	5V/70W Monocrystalline silicon	5V/80W Monocrystalline silicon	5V/90W Monocrystalline silicon
Battery	3.2V/48000mAh	3.2V/54000mAh	3.2V/60000mAh	3.2V/72000mAh	3.2V/84000mAh
Led chip	180PCS 5054	270PCS 5054	360PCS 5054	450PCS 5054	540PCS 5054
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
IP Rate	IP65	IP65	IP65	IP65	IP65
Charging Time	4-6 H	4-6 H	4-6 H	4-6 H	4-6 H
Color Temperature	3000k/6500K	3000k/6500K	3000k/6500K	3000k/6500K	3500k/6500K
Lamp Size	750*375*82mm	950*375*82mm	1100*375*82mm	1300*375*82mm	1500*375*82mm
Installation Height	5-6 M	6-7 M	7-8 M	8-9 M	9-10M
Irradiation Area	400m <sup>2</sup>	460m <sup>2</sup>	520m <sup>2</sup>	580m <sup>2</sup>	640m <sup>2</sup>





# ALUMINUM PROFILE INTEGRATED SOLAR STREET LAMP



## PRODUCT PARAMETERS

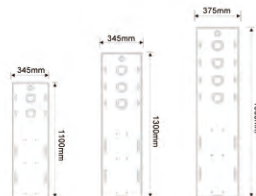


Model	ZP18180W	ZP18240W	ZP18320W
Control Mode	Light Control + Infrared Sensor		
Solar Panel	6V/60W	6V/70W	6V/80W
Battery	3.2V/6000mAh	3.2V/7200mAh	3.2V/8400mAh
Led Chip	120pcs 3030	240pcs 3030	320pcs 3030
Material	Aluminum + Optical Lens		
IP Rate	IP65	IP65	IP65
Charging Time	Solar Charging, 6 to 8 hours		
Discharging Time	4 to 5 Rainy Days		
Lamp Size	1100*345*55mm	1300*345*55mm	1500*375*55mm
Installation Height	6-7M	6-7M	7-8M
Irradiation Area	300m <sup>2</sup>	380m <sup>2</sup>	460m <sup>2</sup>





# ALUMINUM PROFILE INTEGRATED SOLAR STREET LAMP



## PRODUCT PARAMETERS



Model	ZP18200W	ZP18300W	ZP18400W
Control Mode	Light Control + Infrared Sensor		
Solar Panel	Poly(6V/60W)	Poly(6V/70W)	Poly(6V/80W)
Battery	3.2V/6000mAh	3.2V/7200mAh	3.2V/8400mAh
Led Chip	COBx2	COBx3	COBx4
Material	Aluminum + Optical Lens		
IP Rate	IP65	IP65	IP65
Charging Time	Solar Charging, 6 to 8 hours		
Discharging Time	4 to 5 Rainy Days		
Lamp Size	1100*345*55mm	1300*345*55mm	1500*375*55mm
Installation Height	6-7M	6-7M	7-8M
Irradiation Area	300㎡	380㎡	460㎡





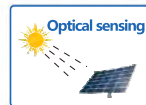
## 太阳能路灯

### SOLAR STREET LAMP



#### PRODUCT PARAMETERS

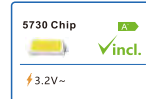
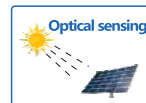
Model	ZPTY300W
Control Mode	Light Control+Remote Control / Radar Sensing
Solar Panel	
Battery	3.2V/24000mAh
Led Chip	708 pcs 5730
Material	ABS Engineering Plastic
IP Rate	IP65
Charging Time	4-6H
Color Temperature	3000K-6500K
Lamp Size	550*550*60mm
Installation Height	4-6M
Irradiation Area	300m²



## SOLAR FAN



太阳能电风扇  
SOLAR FAN



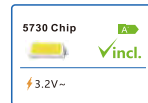
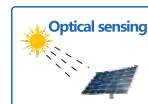
### PRODUCT PARAMETERS

Model	ZP-118	ZP-128	ZP-168	ZP-188
Power:	15 w	15 w	15 w	25 w
Solar panel:	12W polysilicon panel 9V	12W polysilicon panel 9V	12W polysilicon panel 9V	20w polysilicon panel 9V
Battery capacity:	18650 Lithium 12000mah	18650 Lithium 12000mah	18650 Lithium 12000mah	18650 Lithium battery 18000mah
Charger:	1.5A Adaptor charger	1.5A Adaptor charger	1.5A Adaptor charger	1.5A adapter Charger
Wind Type:	3 Gears , Soft and strong	3 Gears , Soft and strong	3 Gears , Soft and strong	3 Gears , Soft and strong
Charging time:	3-5h	4-6h	4-6h	4-6h
working time:	9-11 hours	8-10 hours	7-9 hours	8-10hours
Working mode:				multi-function button
Function Mode:	USB			USB+small night light
Fan size:	12", 58cm high, 34.5cm wide	12", 58cm high, 34.5cm wide	16", 120cm h, 45cm w	16", 120cm h, 45cm w
Solar panel size:	350*290mm	350*290mm	350*290mm	400*350mm
Packing q'ty:	1 sets/box	1 sets/box	1 sets/box	1 sets/carton
Measure:	43*24*38cm	42*21.5*35cm	47*19*43.5cm	49*22*43.5cm
FCL:	3.5kg	3.5kg	4.8kg	5.5kg
Product color:	black	Product color: white	white	white and blue , black





## SOLAR FAN



太阳能电风扇  
SOLAR FAN



### PRODUCT PARAMETERS

Model	ZP-198	ZP-199	ZP-198F	ZP-218
Power:	25 w	25 w	25 w	25 w
Solar panel:	20w polysilicon panel 9V	20w polysilicon panel	20w polysilicon panel 9V	20w polysilicon panel
Battery capacity:	18650 Lithium battery 18000mah	18650 Lithium battery 18000mah	18650 Lithium battery 18000mah	18650 Lithium battery 18000mah
Charger:	1.5A adapter charger	1.5A adapter charger	1.5A adapter charger	1.5A adapter charger
Wind Type:	3 Gears , Soft and strong	4 Gears , Soft and strong	3 Gears , Soft and strong	4 Gears , Soft and strong
Charging time:	4-6h	4-6h	4-6h	4-6h
working time:	10-12hours	8-10hours	10-12hours	10-12hours
Working mode:	multi-function button	multi-function button	multi-function button	multi-function button
Function Mode:	USB+small night light	5v ,USB charging interface	5v , USB charging interface	5v , USB charging interface
Fan size:	16", 120cm high, 45cm width	16", 120cm high, 45cm width	16", 120cm high, 45cm width	16", 120cm high, 45cm width
Solar panel size:	400*350mm	400*350mm	400*350mm	400*350mm
Packing Q'ty:	1 sets/carton	1 sets/carton	1 sets/carton	1 sets/carton
Measure:	47*20*43cm	47*20*43cm	47*20*43cm	47*20*43cm
FCL:	5.6Kg	5.8Kg	5.6Kg	5.8Kg
Product color:	white	white	white	white/blackness



# ENGINEERING CASES

## 工程案例

