

Open the time for all in
one solar street light

开启太阳能路灯一体化的飓风时代



Product Selling Points

产品卖点

8 years' trail derives from the persistent belief.

8年磨炼，源于执着的信念。

From design, research and development to produce, each link is filled with our affectionateness and perspiration, and every inspiration has infinite imagination. 从设计、研发、出品到问世，每一个环节都饱含深情与汗水，每一处灵感都蕴含无限畅想。



More than 60 countries and regions, light the dark with perfect quality.

60多个国家与地区，融化黑暗的完美品质。

Spread all over the world, warm everywhere, and warm everyone.

覆盖面蔓延全球，城市英雄温暖每一处角落，温暖每一个人心窝。



Lithium battery can be charged and discharged more than 2000 times, 2 times that of similar products.

充放2000次以上锂电池，是同类产品的2倍之上。

Between charge and discharge, positive electrode and negative electrode, all with perfect protection and fully safety.

充与放之间，正极与负极之间，是完美保护与十足安全的永动机。



"It's time to public our exquisite all in one solar street light."

"是时候有款精品一体太阳能路灯站出来"



Firstly earth-shaking
representation of new led
integrated solar street light
in 2015

2015新款一体太阳能路灯震撼首发



Globally unique design

全球独创设计



Smart PIR sensor: (when the people is approaching within 8 meters. The led light will work in full-power mode, beyond 8 meters, the light will work in 30% rated mode.)

红外智能感应 (人体靠近时亮度达100% , 人体远离时亮度达30%)



Originally design of battery house

锂电池首创外置式设计

Combine perfectly with the nature

只为与自然完美相融

Begin with great ambition, globally and
originally innovative design

全球独创设计，始于雄心



Attentive
专注

Professional
专业

Single-minded
专一

Dedicated
专至



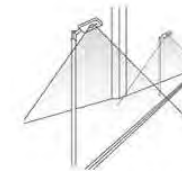
Making energy-saving to be a habit

只为让节能成为一种习惯



Intelligent PIR sensor 红外智能感应，始于本心

Smart PIR sensor: (when the people is approaching within 8 meters. The led light will work in full-power mode, beyond 8 meters, the light will work in 30% rated mode.)
人体接近时亮度达100%，人体远离时亮度达30%



30% dimming
30%工作模式



Full power mode
全亮工作模式

Newly intelligent sensor technology, more convenient, more energy-saving.
全新智能感应触控技术，更便捷更节能

10-20 degree adjustable

10-20度可调尾杆，始于匠心

To make the 125 degree light effect a classical

只为了让125°光效成为一种经典



① “提高光效，不减时效”
Improving the light efficiency and longer working hours

② 10-20度，改变的不仅是角度，更是质的飞越
10-20 degree adjustable, the change is not angle only, but also performance

③ 最佳角度调节，更大范围满足不同区域客户需求
Angle adjustable, meet different requirements from different clients.



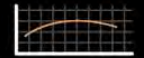
To be more convenient

只为了让“方便”更为方便



Original design of battery house

锂电池首创外置式设计，始于细心



灯体流畅曲线设计，让视觉美感登峰造极
Light body design with smooth curves, make great visual experience

≥2920 DAYS

≥2920天寿命，比胶体电池寿命（≥2190天）更持久更耐用
≥2920 days life span, longer life span than GEL battery



方便维护，在体验中彰显精彩
Easy maintenance experience, reflects splendiddness

To be the big dipper at night

只为当黑夜里的北斗七星



Lighting data from 8M height

8M的高度范围，始于精心

30W the best power range, high brightness at night
30W的最佳功率范围，光影作伴，点亮夜的黑

3-8M pole height suitable for different lighting application.
3-8M的高度范围，让光照效果登峰造极

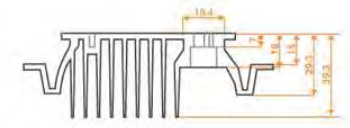
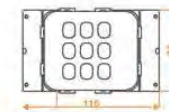
To be the luxury among lights 只为做光源界的奢侈品



LED芯片：飞利浦 LUXEON REBEL ES	LED lamp：Samsung/Philips LED
LED颗数：9颗*3W	LED PCS: 9 PCS*3W
功率范围：15-30W	Power range: 15-30W
光效：95-110LM/W	Lamp efficiency: 95-110 LM/W
色温：3000-6000K	CCT: 3000-6000K
IP68	IP 68

Philips led chip

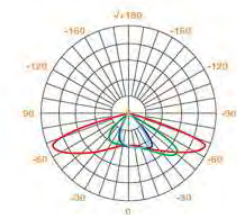
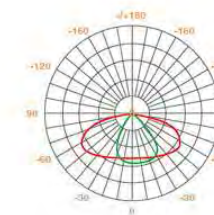
飞利浦LED极致芯片，始于恒心



Imported LED technology, energy-saving 80%, the ultimate choice
先进LED技术，节能80%，极致之选

3000-6000K color temperature, the extraordinary experience
3000-6000K色温，超凡感受

High efficiency, meet different requirement
炫目光效，满足不同商业照明需求



Most competitive price by the top quality

只为贵的胸有成竹

New innovation products design 革命性的产品爆发，始于慧心

目前市场上价格低廉的公司是这样做的 Low quality products suppliers do like this:

- 没工艺 (公模、材质轻、差)
No technology (public module, light material, bad quality)
- 没创意 (组件用多晶, 或者无效晶片)
No innovative (adopted poly solar panel, or low efficiency cells)
- 没突破 (电池用铅酸电池, 或无品牌锂电池)
No breaking (battery use the old lead acid battery or no brand small factory brand)
- 没诚信 (各配件暗中减少配置)
No Integrity (all kinds of reduce of the true configuration)
- 没实力 (公司无力承担售后)
No capacity (the company without any after selling)

而, 我们是这样做的 And, we do like this :

- 8年专注于太阳能路灯研发与生产, 我们还想做100年
Focused on the development and production of solar street lights for 8 years, we want to do it for 100 years
- 超长寿命, 持久耐用 (80000H以上的使用寿命)
Ultra-long life span, durable (>80000 hours)
- 品质保障, 优质工艺 (所有配件均为高品质规格)
Quality assurance, quality technology (all parts are high quality)
- 100%配件足功率
100% sufficient configuration
- 终身承担售后保障
Lifetime after-sale guarantee
- 坚决反对一切不良商业行为
Firmly opposed to all bad business practices

Detail Photos 产品细节剖析图

International product reveals extraordinary taste
国际化产品荟萃, 彰显卓尔不凡品味

Each part is imaginative, all materials are carefully selected
每一个配件都是匠心独运, 每一处材质都是精挑细选



4 models optional, higher than the industry standard, superior in production technique

4款产品型号，高于行业标准之上，优于生产工艺之上



Wonderful is quietly staged
精彩正在悄然上演

ZD-SR2015A-15W					
LED品牌 LED Brand	LED功率 LED Power	组件类别 Mono/Poly	组件功率 Solar Panel Power	电池类型 Battery Type	电池容量 Battery Capacity
飞利浦/三星 Philips/Samsung	15W	单晶 Mono	45W	锂电池 Li Battery	15AH



磷酸铁锂电池 - 15AH	
产品参数 Parameter	15AH
工作电压 Working Voltage	12.8V
放电终止电压 Final Discharging Voltage	10.0V
充电电压 Charging Voltage	14.6V
内阻 Internal Resistance	≤190mΩ
最大充电持续电流 Maximum Charging Continuous Current	1.0 CSA
最大放电持续电流 The Maximum Discharge Continuous Current	1.5 CSA
工作温度范围 Operating Temperature Range	充电 Charging: 0~45°C 放电 Discharging: -10~60°C
寿命 Lifespan	8年 8 years
储存温度范围 Storage Temperature Range	小于一年 less than one year: -20~25°C 小于3个月 less than three months: -20~40°C 小于7天 less than one week: -20~65°C
尺寸图 Size	

光伏组件	
型号 Item No.	ZDSP-45W
组件类型 Mono/Poly	单晶 Mono
电池片尺寸 (MM)	125*62.5
电池片排列方式 Number Of Cells (Pcs)	3*12
峰值功率 (W) Maximum Power (Wp)	45
最大工作电压 (V) Maximum Power Voltage (V)	18
最大工作电流 (A) Maximum Power Current (A)	2.5
开路电压 (V) Open Circuit Voltage (V)	22
短路电流 (A) Short Circuit Current (A)	2.78
组件尺寸 (MM) Size Of Module (mm)	790*410*3.2
组件净重 (KG) Weight Per Piece (kg)	3
电池片效率 Optimized Cell Efficiency	17.78%
工作温度 Temperature Range	-40°C ~ +50°C
表面承受压力 Surface Maximum Load Capacity	60m/s (200kg/sq.m)
功率公差 Power Tolerance	±5%
理论寿命 Theory Lifetime	25 years

照明数据表 Lighting Data Table							
安装高度 H	3M	4M	5M	6M	7M	8M	推荐高度 Mounting Height
照度数据 LUX	25	23	20	16	12	8	3-5M

ZD-SR2015A-20W

LED品牌 LED Brand	LED功率 LED Power	组件类别 Mono/Poly	组件功率 Solar Panel Power	电池类型 Battery Type	电池容量 Battery Capacity
飞利浦/三星 Philips/Samsung	20W	单晶 Mono	45W	锂电池 Li Battery	20AH



磷酸铁锂电池 - 20AH	
产品参数 Parameter	20AH
工作电压 Working Voltage	12.8V
放电终止电压 Final Discharging Voltage	10.0V
充电电压 Charging Voltage	14.6V
内阻 Internal Resistance	≤180mΩ
最大充电持续电流 Maximum Charging Continuous Current	1.0 CSA
最大放电持续电流 The Maximum Discharge Continuous Current	1.5 CSA
工作温度范围 Operating Temperature Range	充电 Charging: 0~45°C 放电 Discharging: -10~60°C
寿命 Lifespan	8年 8 years
储存温度范围 Storage Temperature Range	小于一年 less than one year: -20~25°C 小于3个月 less than three month: -20~40°C 小于7天 less than one week: -20~55°C
尺寸图 Size	

光伏组件	
型号 Item No.	ZDSP-45W
组件类型 Mono/Poly	单晶 Mono
电池片尺寸 (MM)	125*62.5
电池片排列方式 Number Of Cells (Pcs)	3*12
峰值功率 (W) Maximum Power (Wp)	45
最大工作电压 (V) Maximum Power Voltage (V)	18
最大工作电流 (A) Maximum Power Current (A)	2.5
开路电压 (V) Open Circuit Voltage (V)	22
短路电流 (A) Short Circuit Current (A)	2.78
组件尺寸 (MM) Size Of Module (mm)	790*410*3.2
组件净重 (KG) Weight Per Piece (kg)	3
电池片效率 Optimized Cell Efficiency	17.78%
工作温度 Temperature Range	-40°C ~ +50°C
表面承受压力 Surface Maximum Load Capacity	60m/s (200kg/sq.m)
功率公差 Power Tolerance	±5%
理论寿命 Theory Lifetime	25 years

照明数据表 Lighting Data Table							
安装高度 H	3M	4M	5M	6M	7M	8M	推荐高度 Mounting Height
照度数据 LUX	31	28	25	19	15	11	4-6M

ZD-SR2015A-25W

LED品牌 LED Brand	LED功率 LED Power	组件类别 Mono/Poly	组件功率 Solar Panel Power	电池类型 Battery Type	电池容量 Battery Capacity
飞利浦/三星 Philips/Samsung	25W	单晶 Mono	70W	锂电池 Li Battery	25AH



磷酸铁锂电池 - 25AH	
产品参数 Parameter	25AH
工作电压 Working Voltage	12.8V
放电终止电压 Final Discharging Voltage	10.0V
充电电压 Charging Voltage	14.6V
内阻 Internal Resistance	≤175mΩ
最大充电持续电流 Maximum Charging Continuous Current	1.0 CSA
最大放电持续电流 The Maximum Discharge Continuous Current	1.5 CSA
工作温度范围 Operating Temperature Range	充电 Charging: 0~45°C 放电 Discharging: -10~60°C
寿命 Lifespan	8年 8 years
储存温度范围 Storage Temperature Range	小于一年 less than one year: -20~25°C 小于3个月 less than three month: -20~40°C 小于7天 less than one week: -20~55°C
尺寸图 Size	

光伏组件	
型号 Item No.	ZDSP-70W
组件类型 Mono/Poly	单晶 Mono
电池片尺寸 (MM)	125*83.2
电池片排列方式 Number Of Cells (Pcs)	3*12
峰值功率 (W) Maximum Power (Wp)	70
最大工作电压 (V) Maximum Power Voltage (V)	18
最大工作电流 (A) Maximum Power Current (A)	3.89
开路电压 (V) Open Circuit Voltage (V)	22
短路电流 (A) Short Circuit Current (A)	4.15
组件尺寸 (MM) Size Of Module (mm)	1050*410*3.2
组件净重 (KG) Weight Per Piece (kg)	4
电池片效率 Optimized Cell Efficiency	18.67%
工作温度 Temperature Range	-40°C ~ +50°C
表面承受压力 Surface Maximum Load Capacity	60m/s (200kg/sq.m)
功率公差 Power Tolerance	±5%
理论寿命 Theory Lifetime	25 years

照明数据表 Lighting Data Table							
安装高度 H	3M	4M	5M	6M	7M	8M	推荐高度 Mounting Height
照度数据 LUX	35	32	29	23	18	14	5-7M

ZD-SR2015A-30W					
LED品牌 LED Brand	LED功率 LED Power	组件类别 Mono/Poly	组件功率 Solar Panel Power	电池类型 Battery Type	电池容量 Battery Capacity
飞利浦/三晶 Philips/Samsung	30W	单晶 Mono	70W	锂电池 Li Battery	30AH



磷酸铁锂电池 - 30AH	
产品参数 Parameter	30AH
工作电压 Working Voltage	12.8V
放电截止电压 Final Discharging Voltage	10.0V
充电电压 Charging Voltage	14.6V
内阻 Internal Resistance	≤170mΩ
最大充电持续电流 Maximum charging continuous current	1.0 CSA
最大放电持续电流 The maximum discharge continuous current	1.5 CSA
工作温度范围 Operating temperature range	充电 Charging: 0-45°C 放电 Discharging: -10-60°C
寿命 Lifespan	8年 8 years
储存温度范围 Storage Temperature Range	小于一年 less than one year: -20-25°C 小于3个月 less than three month: -20-40°C 小于7天 less than one week: -20-55°C
尺寸图 Size	

光伏组件	
型号 Item No.	ZD5P-70W
组件类型 Mono/Poly	单晶 Mono
电池片尺寸 (MM)	125*83.2
电池片排列方式 Number Of Cells (Pcs)	3*12
峰值功率 (W) Maximum Power (Wp)	70
最大工作电压 (V) Maximum Power Voltage (V)	18
最大工作电流 (A) Maximum Power Current (A)	3.89
开路电压 (V) Open Circuit Voltage (V)	22
短路电流 (A) Short Circuit Current (A)	4.15
组件尺寸 (MM) Size Of Module (mm)	1050*410*3.2
组件净重 (KG) Weight Per Piece (kg)	4
电池片效率 Optimized Cell Efficiency	18.67%
工作温度 Temperature Range	-40°C ~ +50°C
表面承受压力 Surface Maximum Load Capacity	60m/s (200kg/sq.m)
功率公差 Power Tolerance	±5%
理论寿命 Theory Lifetime	25 years

照明数据表 Lighting Data Table							
安装高度 H	3M	4M	5M	6M	7M	8M	推荐高度 Mounting Height
照度数据 LUX	39	36	34	27	23	18	6-8M

一体太阳能路灯 All in one integrated solar street light VS 分体式太阳能路灯 Separated Type solar street light

外观 Appearance	★★★★★
配置 Configuration	★★★★★
安装 Installation	★★★★★
功率范围 Power range	★★★★★
电池品质 Battery	★★★★★
控制系统 Control system	★★★★★
适合高度 Mounting height	★★★★★
寿命 Lifespan	★★★★★
性价比 Cost-performance	★★★★★

外观 Appearance	★★★★★
配置 Configuration	★★★★★
安装 Installation	★★★★★
功率范围 Power range	★★★★★
电池品质 Battery	★★★★★
控制系统 Control system	★★★★★
适合高度 Mounting height	★★★★★
寿命 Lifespan	★★★★★
性价比 Cost-performance	★★★★★



数据对比 Data comparison		
产品 Product	最新一体太阳能路灯 Integrated solar street light	传统分体式太阳能路灯 Separated Type Solar Street Light
安装 Installation	容易 Easy	复杂 Complex
电池 Battery	锂电池 Li-battery	铅酸胶体电池 Lead-acid GEL battery
控制系统 Control model	红外感应, 光控, 时控 Light control+Time control+PIR sensor	光控, 时控 Light control+Time control
灯杆款式 Pole	简单 Easy	复杂 Complex
功率范围 Power range	30W以内 Best range=30w	10W以内 Best=10w
安装高度 Mounting height	3-7M	4-10M
寿命 Lifespan	8000H以上 More than 8000H	3000H以上 More than 3000H
使用环境 Application	公园 庭院 乡村 Residential area, Garden and Park	公路 主干道 Main road, Secondary main road
性价比 Cost-performance	高 High	低 Lower

Simply, Reality, Clarity

在几何、组合的世界中，清晰明了，简单而真实

Installation procedure 安装流程:



将尾杆内引出的电池接头，与灯体内引出的控制器接头相固定。
Fix the two connectors: One from battery house, another from lamp body.



将整个灯具与灯杆固定。
Fix the whole lamp with pole, tightening all screws.



将尾杆与灯体相固定，锁紧螺丝。
Fix the lamp body with the mounting connector. Tighten all screws.



拧松尾杆上螺丝，然后调整至合适角度，拧紧螺丝，确保灯体与路面垂直。
Loosen the screw on the mounting connector to adjust an appropriate angle. Please make sure the LED lamp will face to the road.



反面再固定螺丝。
Tighten the screws on the opposite side.

包装规格

型号	产品尺寸	包装尺寸	净重	毛重	20尺柜数量	40尺柜数量
15W	90*43*12CM	95*54*14CM	7.8KG	9.7KG	240套	480套
	32*30*20CM	33*31.5*21CM	5.6KG	6.3KG		
20W	90*43*12CM	95*54*14CM	7.8KG	9.7KG	240套	480套
	32*30*20CM	33*31.5*21CM	6.1KG	6.8KG		
25W	105*43*12CM	120*54*15CM	9.2KG	11.7KG	200套	400套
	32*30*20CM	33*31.5*21CM	6.6KG	7.3KG		
30W	105*43*12CM	120*54*15CM	9.2KG	11.7KG	200套	400套
	32*30*20CM	33*31.5*21CM	7.1KG	7.8KG		

Package Specification

Model	Product Size	Package Size	N.W.	G.W.	20GP	40GP
15W	90*43*12CM	95*54*14CM	7.8KG	9.7KG	240 SETS	480 SETS
	32*30*20CM	33*31.5*21CM	5.6KG	6.3KG		
20W	90*43*12CM	95*54*14CM	7.8KG	9.7KG	240 SETS	480 SETS
	32*30*20CM	33*31.5*21CM	6.1KG	6.8KG		
25W	105*43*12CM	120*54*15CM	9.2KG	11.7KG	200 SETS	400SETS
	32*30*20CM	33*31.5*21CM	6.6KG	7.3KG		
30W	105*43*12CM	120*54*15CM	9.2KG	11.7KG	200 SETS	400 SETS
	32*30*20CM	33*31.5*21CM	7.1KG	7.8KG		

工程应用 | Classic case

Housing estate, Yard, Garden,
Everywhere you have a
wonderful interpretation

小区，庭院，公园
每一处，都有你的精彩演绎





